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
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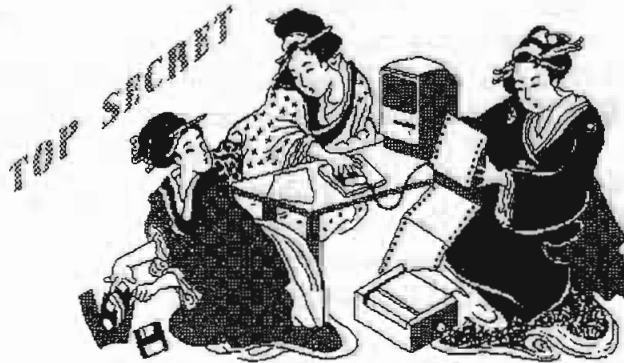
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A wry look at a possible sociological disaster  
 and the planned high-tech city states!



### NEXUS 10 cover illustration

Highlighting the environment...  
 by Robin Martin - Phone (02) 665 1970

### NEXUS gratefully acknowledges

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 Electric Eye Graphics - Phone (02) 599 1834

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# MULTI ~~TOP SECRET~~ FUNCTION POLIS



For many years now, the Federal government has been telling us that the most important problem that Australia faces is that "the economy" is sick. And that they have the solutions, such as new defence contracts, tax reform, economic de-regulation, export drives and... build a Multi Function Polis.

## What is the purpose of the Multi Function Polis?

Reports say it is meant to be a high tech educational research centre, facilitating technology transfer from Japan, and an infusion of Japanese industrial management know-how. It is meant to transform Australia's economy into burgeoning "sunrise industries", boost exports and clear foreign debt.

The Multi Function Polis idea originated in Japan's Ministry of International Trade and Industry (MITI) leisure division and looks very much an up-graded, less segregated, Australian version of the Japanese "technopolis" concept. This was to be a network of regional "mother-cities" of 100-200,000 people that were planned as "focal points for advanced research in sunrise industries", dispersing industrial growth from the Tokyo-Osaka corridor to new regions; using "jobs" to get development approvals & votes for the party in power.

*"A city with human dimensions... a semi-residential city for international, academic and interdisciplinary exchange providing, gathering, and reproducing information... between people from different regions, staying from several weeks to years, with a large number of permanent residents, featuring both high-tech and 'high-touch' (tourist, entertainment, resort and convention) industry"* is how the original 1987 MITI Concept Report on the Multi Function Polis speaks of it.

The 'High-tech' is taken to emphasize bio-technology, materials science, and computer software, which both MITI and Australia's equivalent DITAC, have elsewhere nominated as key technologies for the next century - in all of which, Australia has considerable advantages over Japan, especially in basic research and creativity, although we are weak in product development and commercialization.

Although hazy on details, MITI's paper placed the emphasis distinctly on social infrastructure (health services, communication and transport, education) and "quality of life". Discussion of high-tech industry dealt primarily with basic research - Japan's weak link. There is little detailed discussion of industrial development, beyond acknowledging the Australian Government's interest. Unquestioned assumptions, priorities and corporate domination which is built into the MFP and similar projects worry the critics.

**T**hey see a web, with collective implications far beyond those apparent in any one project in isolation, and linking the VFT, MFP, and the Cape York Space Station.

There are two main concerns. Firstly that the proposed MFP could dangerously direct future Australian research and technology, society, and labour conditions dominantly to international corporate profit. Secondly

that increasingly PR-managed information makes Australians captive to the powerful self-interest of bureaucrats, politicians and corporations; turning democracy into autocracy.

As Yoshio Sugimoto, Professor of Sociology at La Trobe University, has said, it is disturbing that the MFP Joint Steering Committee observed that "it is necessary to control the consciousness of public and related organizations very carefully"... and it is also disquieting that the Department of Industry, Technology and Commerce (DITAC) placed an embargo on a Social Impact Study's publication for over a year because it contained points which did not agree with the view of Canberra bureaucracy and MFP's commercial participants.

Initiated by Japan's MITI, the MFP is funded by a selected "membership" consortium of major Australian and Japanese corporations, under a joint Australian-Japanese Government umbrella. The MFP's goals, structure, or implications have surfaced only in PR-managed "seminars" and kite-flying PR news releases, obviously testing public reaction, teasing up enthusiasm, and enlisting support by targeting the self-interest of defined groups, including the Australian State Governments.

Many critics are highly skeptical about likely technology transfer from Japan to Australia. Quoting Professor McCormack "While the Australian side is clearly attracted by the prospect of introducing Japanese 'high-tech' industry





## MFP - HIDDEN AGENDAS?

Consider the implications - a global network of millions of "selected" and "controlled" people living in high security cities, complete with state of the art sensing devices, and in short - a high tech "big brother"...

**T**here seems to be something fishy about the MFP. It was reported in the Sydney papers last January that Federal Cabinet had endorsed a "Big Brother" style information campaign to head off public concern about the proposed Multi-Function Polis. Under the new plan, special groups in the community were targeted for "positive" messages about the project.

The deeper one digs into the MFP, the more one becomes aware that it is part of a much larger 'plan'. The list of Governments, and multi-nationals alone suggests that this decision has already been made, and as usual we're the last to know about it.

The MFPs sited in Australia are designed to eventually "hook-up" to other such MFPs world-wide. This is an interesting and possibly obvious development, but consider the implications - a global network of millions of "selected" and "controlled" people living in high security cities, complete with state of the art sensing devices, and in short - a high tech "big brother" if in the wrong hands.

If you look at the fine print, the MITI plan includes a centralised "security" force, a centralised health system to keep an eye on your lifestyle, centralised supervision of electricity use and even centralised accounting. Confidential documents of MFP Aust. Research Ltd involve plans for the manufacture of biological implants for human mood control, and the development of Australia as a nuclear waste dump. (MFP Aust Research Ltd is a private company and is exempt from Freedom of Information requests from the public)

Consider this extract from "Hard Facts for Hard Times" #17 - Nov 1988 by Joan Coxsedge MP (VIC).

"Our government already has the "right" man to lead the project - Alan Wrigley, recently retired Director General of ASIO. He is doubly qualified, having previously been in charge of Government Aircraft Factories, (which is almost exclusively engaged in military contracts, often under conditions of extreme secrecy.

It is highly unlikely that a person with these particular qualifications would be chosen if the projects were of a civilian nature. And then we have Ross Garnaut, Chairman of Aluminium Smelters Victoria, and a member of the steering committee of the MFP Project.

Continued overleaf >>>

to Australia, Japanese companies in that sector are known to be most dubious about the project". Professor Sugimoto points out that even in Japan, critical expertise is retained in Tokyo.

Other critics suggest it is more likely that creative science would flow the other way, and Australians will end up with "the service jobs" as in the tourist industry (where Japan exports profits by owning the construction, transport, hotels, and destination attractions)!

These are immense engineering projects, significantly shaping extensive urban developments in Australia's most valuable landscapes.

Significantly, of the 115 members of Japan's "Working Groups" on MFP, 68 are concerned with urban infrastructure and international resort development, including Kumagai Gumi, which is also building the Sydney Harbour tunnel.

Japanese construction corporations like Kumagai Gumi have a pattern of initiating and developing "packages" to be "sold" to Governments in joint ventures with local companies, avoiding tendering processes by "owning the idea".

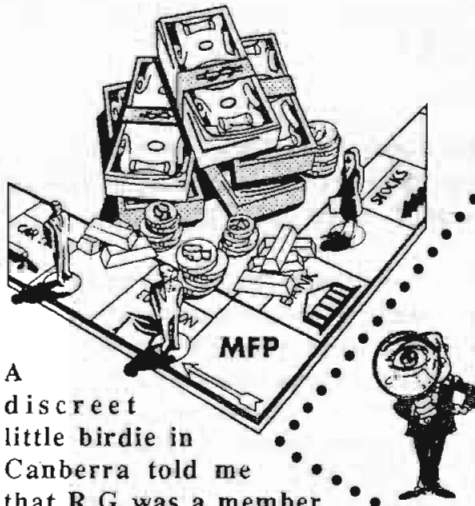
Mainland States are bidding competitively to attract it - without an analysis of whether regions can sustain such concentrated leaps in population, and without any consultation with people already living in the near city fringe areas on which the MFP might be imposed. This lays the groundwork for later extensions of more "MFP's"; a sanctified

property development bonanza, potentially overriding existing regulations and any other considerations.

A joint Government venture, like MFP, would greatly strengthen Japanese influence over access to Australian resources and opportunities, and facilitate offshore corporatization, directly or through further joint ventures. It must inevitably stimulate the increasing trend towards foreign ownership, from property to patents.

However "internationalized" the Multi Function Polis becomes, the financial and other strengths of the Japanese corporations will ensure their increasing control of the MFP, directing the outcomes to what most benefits Japan as the hub of the emerging Pacific Rim economic web.

What is the Multi Function Polis meant to be? A "Renaissance City" of the Space Age, integrated into Australian society as a whole? A "Technopolis" concentrating on existing Australian expertise in science and technology Japan would value? Or is it meant to be a kind of "Silicon Valley", teaching Australian businessmen how the Japanese make ideas saleable, and sell them? A lovely place to visit, or live in, with or without visa, built where nothing is now? Near an existing city? In a pleasant climate with plenty of recreational opportunities... beaches and golf courses? A super University town... corporate cloisters, and a Management Board of shareholder corporations? **N**



A discreet little birdie in Canberra told me that R.G. was a member of ASIO. SO HERE WE HAVE TWO "EX" ASIO SNOOPS, THAT WE KNOW ABOUT, INVOLVED IN THIS VENTURE.

The last curious piece of information relating to this is that the push for MFPs appears to stem from the Japanese Government and MITI, whilst the Japanese corporate sector are only "luke warm" on the project. It would appear that the MFP is not a financially viable project! *I thought this was the "reason" for the MFP in the first place!* **N**

### MFP NEWSLETTER



For more info on MFP's...

Send \$20 for a complete set of newsletters and subscription to:  
63 Reed Street  
Albert Park VIC 3206  
Ph (03) 690 5963



**NEXUS**

wishes to acknowledge

**PEGASUS NETWORKS** for their communications service in providing much of the material for this article. More info? ph. (066) 856 789

## THE FEASIBILITY GAME...

The Anderson-Kinbill "Feasibility Study" for the MFP, reportedly costing \$1.25 million of the approximate \$5 million spent so far, was released at the end of 1989. It proposed a single city of about 100,000 people was the most "commercially viable" (rather than geographically scattered "hub and spoke" MFP centres that had been discussed earlier). The report, coupled to previous publicity of a possible Disneyland city, spurred public anxiety about a "Japanese enclave..."

In March 1990, DITAC and the Federal Government 'rejected' the Kinhill Report, admitted that lack of public discussion and the vague nature of proposals had created "an unfortunate environment" and announced there would be "full public discussion" before the project proceeded. There were reports that the Japanese were upset by public response and might pull out of the MFP, reducing investment into Australia into the bargain. A public meeting in Melbourne organised by the Rainbow Alliance attracted 1000 people - a measure of public concern. A *Couchman* program on ABC, cut to half an hour because the MFP Corporation originally refused to participate, also demonstrated public concern (the author was advised in June by DITAC that the the Government now favoured a "hub and spokes" development of several MFPs; that the Kinhill report had "lead them down a garden path" and wasted an enormous effort; and that the Government would not enter commitments with Japan until after a process of public discussion extending to the end of 1990, probably with a "Commission" going around the States to take submissions).

However, State Governments were required to submit specific proposals for the MFP in May 1990 for the Australian MFP Steering Committee to select a site, which it would recommend to the Joint Japanese Australian Committee by mid July. The Australian MFP Committee selected Queensland's Gold Coast proposal subject to the Qld Government securing all the land within a week; when Queensland rejected that, with much public protest by local landholders, the MFP Committee announced Adelaide as the selected site. The Qld Gov't announced it would go ahead with its own form of MFP anyway, although possibly not in the site it had proposed.

The Adelaide proposal entails building a series of villages at Gilman, near Port Adelaide, on 3500 hectares of heavily polluted land bordered by mangrove reserves and other environmentally sensitive features. It envisages a "World University" centre at Gilman, as part of a network co-ordinating existing Universities, colleges, and research centres... making "all Adelaide" an "MFP".

Those technologies are proposed to focus on computer software, communications (a computer mail and database system is proposed to grid the Adelaide education centres, and connect world wide), marketable environmental fixes and environmental management training.

The Adelaide proposals are more specific,

and more practical, than the Kinhill and other reports. The fundamental assumptions and priorities driving the project - the proposal for a corporate-owned city under "charter", governed by a hierarchy of appointed committees including corporate and foreign-Government representatives and the site itself - are all issues for challenge, but there are many interesting ideas in the Adelaide proposal. The most interesting by-products of all this are the emerging challenge to the assumptions and processes underlying the MFP and a range of papers that are definitely NOT part of the official "feasibility study" - from confidential reports by the NSW Police Department on the influence of gangster syndicates in the Japanese construction industry, to "A Paranoid View of Japan" written anonymously by a reputedly highly-placed civil servant, and various cautionary essays by academics familiar with Japanese culture, economics, commercial structures and social issues.

A *Couchman* Show at Port Adelaide on June 27 presented an audience of about 200 people, unanimously opposed to foreign ownership/control of Australia; angry that local pollution problems have been ignored by the same State Government which now declares Gilman's serious problems are "solvable"; and obviously fed up with Government-corporate deals providing privileges under the cloak of "commercial confidentiality" and Mr. Bannon's infamous Indenture Acts (which sidestep existing planning and environment regulations).

The impetus of present Government policy and adroit Public Relations makes it doubtful how much "public discussion" may affect the MFP development... but dissent is certain.

Meanwhile, the Federal Government has declared it will:

- (a) Set up a "new broadly based group" representing Federal and State Governments, business, and education groups to "supervise the next phase of the project".
  - (b) Undertake that the project "will not go ahead unless the Governments are satisfied the MFP is economically sound and socially acceptable to Australians".
  - (c) Enter "widespread community consultation".
  - (d) Include "a greater international focus to ensure the project is truly international".
- Government Ministers have said it is important that "national economic opportunities, already identified during the Feasibility Study process are not lost".

4/7/90 - ref: peg.emack on Pegasus Conference mfp.techcity July 1990 **N**

**Nexus #10**



## Grapevine

Dear Editor

Yesterday 40,000 children died with hardly a mention... and today another 40,000 children will die to the same silence. Over the coming decade, according to UNICEF, unless we do something to end the silent plague of poverty and malnutrition, this recurring human tragedy will claim the lives of over 100 million children. But, in saving children's lives aren't we just adding to the problem of overpopulation? The answer is NO.

As parents become confident that their first children will survive, the birth rate declines. In fact no country in the world reduced its population growth without first reducing infant mortality. *What can I possibly do to make a difference?* The answer is very little! Letters to your local MP stating support for political action on poverty, can make all the difference!

In September 1990, leaders from around the globe will gather for the first ever Summit for the World's Children. At this meeting they will be asked to do something bold and courageous - divert more of their attention and resources from current priorities, such as military security, and adopt a policy of "first call for children". Our Prime Minister has shown interest in the Summit but has not as yet confirmed his attendance. I, for one, say his decision lies in our hands. For the future of children everywhere, I urge all Australians to write and speak forth their support for Bob Hawke attending this historic Summit.

*If enough people lead, the leaders will follow...*

- David Clare, Naremburn NSW.

Dear Nexus,

I recently came across your magazine and enjoyed reading it very much. The article dealing with OXYGEN I found particularly interesting. After reading it I realized that it didn't deal with the matter of the actual amount of oxygen available in the atmosphere under the prevailing usage. That is, the current amount of oxygen must be related to how much oxygen is being released into the atmosphere with how much is being used. I assume that as a result of industrialization and deforestation that the amount would be decreasing.

Many readers, I think, would find it interesting if a projection was done examining the absolute amount of oxygen in the air over time with comments about the impact on life on Earth at different levels.

- ANDREW

# the editorial

*Welcome again to an information feast.* The reason this issue of NEXUS is a little late is largely due to the development of many beneficial changes. We've increased our size to 72 pages and NEXUS is now a bi-monthly magazine, which means we'll bring you more up-to-date information even *more regularly*.

Like many other people and groups we've undergone months of changes finally culminating in a total reorganisation of NEXUS and its content. Our editorial team and staff have expanded and our office has also moved... we hope you like the results. Please let us know your response, using the readership survey on page 71. You even get a FREE back issue of your choice if you fill out this Reader Survey and return it to us poste haste! You might also like to fill out our subscription form on page 72... to save yourself time and money and avoid any future price increase. See our special offers too!

This is a transitional issue of NEXUS. In future you'll see more emphasis placed on environmental news and new technologies, and as usual we will continue to cover suppressed and hard to get information. Australian media is one of the most tightly controlled and nepotic forms of information access in the world. Despite a plethora of publications, very little new or relevant information emerges through the myriad sources available. NEXUS exists to partly redress this imbalance between the obvious and the alternative.

*The last year has brought many changes on the global scene as well. In Eastern Europe and the Middle East, we have seen a radical change in such a short time that even the new leaders of those countries can scarcely believe or comprehend what has happened.* We have witnessed a sudden state-shift of momentary chaos leading into a new order. Everyone knew change was coming - most people thought it was five or ten years down the track. But when change did come at last it came like an exponential tidal wave breaking on the shores of consciousness. The environment is the same. The scientific seers of our politicians tell us radical change is decades away. The 'More!' chant of 'Big Business' is telling us that only market forces can save the environment and that we still have plenty of time. *Do you believe them?*

When change comes, will it come slowly and easily - or as a sudden, chaotic shift to a completely new order? Get your house in order now, or have events make your choices for you. *Hopefully NEXUS can help to guide the way towards a better future for all.*

**N**

Grateful acknowledgement is made to the  
- EARTH REPAIR FOUNDATION -  
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## SAVE THE SPHINX

The Sphinx at Giza & 1000s of Egyptian tombs are facing a new and dire threat in their desert existence - water and salt. Archaeologists say little will be left of Egypt's wonders if urgent action is not taken to arrest effects of a rising water table. *"We are watching a complete record of more than 4,000 years of history crumble in front of our eyes,"* says **Naguib Kanawati**, Professor of Egyptology at Sydney University. While believing the pyramids are safe... *"The Sphinx, however, is a sculpture and if its features disappear it will be nothing more than a lump of stone."*

The rise in moisture during the last twenty years has caused more damage than during the last four millenia. The construction of the high dam at Aswan made constant irrigation possible along the Nile but has caused the water table to rise. *"The water table is now just below the surface and the sandstone monuments soak it up - it's like putting a piece of chalk in water,"* says Prof. Kanawati. In early 1988 a 300 kg chunk of stone fell from the Sphinx's right shoulder, successfully overcoming the delays to developing a plan to preserve the monument.

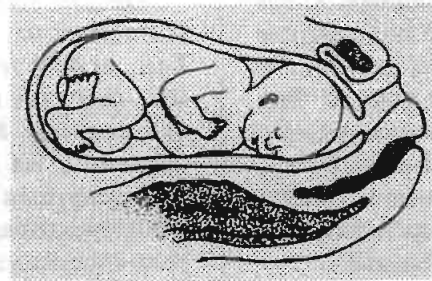
In May this year an international group of experts met in Cairo to help save the Sphinx. They attached a computerised weather station to the body of the Sphinx which will measure all major climatic and pollution effects on the monument. Modern industrial changes to the atmosphere including acid rain have taken their toll.

The increased humidity is causing organic materials including mummies, wood, clothing and furniture to rot. In the past two decades, recovered wooden

items have had the consistency of cork; previously, wooden coffins had been recovered intact with inscriptions and carvings. Salt is already damaging many of Egypt's wall paintings and experts believe that without drastic action, none will remain within a century. **N**

## LITTLE CAESARS SPREADING

One in six babies in Australia is born by caesarian section; a figure widely viewed as unacceptably high and clear evidence of unnecessary medical intervention. One-third of these caesarians are automatically performed on women who had earlier caesarian 'deliveries'.



*"There are many repeat cases of caesarians being performed without any good evidence that they are necessary,"* says Professor **Michael Bennett**, Clinical Director of Paddington's Royal Hospital for Women in Sydney.

"Some obstetricians still believe 'once a caesarian, always a caesarian'. They are wrong - and there is incontrovertible evidence to show they are wrong... There used to be a financial incentive," he replied when asked why the Australian rate of caesarians had quadrupled from 4% in the late 1960s to about 17% in the late 1980s. "Old habits die hard." An extra Medicare payment was made to obstetricians performing caesarians until August 1987.

## TIDES OF MEN

Science is discovering that men, as well as women, are affected by the moon. According to a British Medical Journal study, men's bladders block more frequently during New Moon than at other lunar phases.

685 men went to St Mary's Hospital in Portsmouth with acute urinary retention between August 1985 and July 1988. One third of the cases occurred within three days of a new moon. Similar findings were recorded at the Freeman Hospital in Newcastle-upon-Tyne.

This lunar pattern *"may be due to a physiological tidal-wave causing an unaccustomed fluid load to be presented to the bladder,"* the study found. **N**

Professor Bennett points out that four times as many women die during caesarian operations than in 'natural' childbirth. Recent Australian statistics also indicate that home birth is actually safer than hospital deliveries in general.

According to **Dr Paul Lancaster**, director of the National Perinatal Statistics unit at Sydney University, some obstetricians perform caesarians in 40-50% of births.

"Consensus studies show that 8-10% is sufficient to meet the needs of western society," he says. Opinion is so divided that some doctors "would like to see a 100% caesarian rate." He reports that one Chicago hospital cut its rate from 17% to 11% by ensuring detailed reasons for the operation were recorded and by seeking a second medical opinion in each case.

*"The chance of ending up with a caesarian increases significantly if you are privately insured and seeing a private obstetrician,"* reports Zena Armstrong, author of *Caesarian Birth - A Reassuring guide for Australian Parents*.

*"More than 30,000 babies are delivered by caesarian section every year in Australia. There is no doubt that many of these caesarians are avoidable and that many women and their babies are being subjected to unnecessary risks in surgery. Doctors, midwives, hospital authorities and, above all, parents must push for change."* **N**



— RETURN OF THE GODDESS —

It has often been argued that the original Hebrews worshipped **more than** the 'one god' YHVH (Jehovah or Yahweh) of Judeo-Christian teaching. But evidence



may have come to light that this male deity originally ruled with a female consort, and that the worship of the Goddess was deliberately destroyed by the priests of 'God the Father'.

Supporting feminist views that scriptures have

been repeatedly edited by an all-male group with a vested interest in suppressing the female in organised worship, archaeological findings in southern Israel have uncovered inscriptions and drawings which indicate that around the 9th century BCE the goddess **ASHERAH** (*Ashtaroth, Astarte, Esther*) was identified as the consort of Yahweh, God of Israel.

For centuries ideological and actual battles for control occurred between monotheists, who believed Yahweh ruled alone, and those who worshipped several deities. Asherah is mentioned in the Bible many times, one of a range of gods and goddesses worshipped in ancient Canaan - modern Israel and Syria - as well as elsewhere. Asherah, however, seems to have influenced the Israelite tradition far more than the others, having been worshipped in Solomon's temple intermittently for over two thirds of the 370 years of its existence.

According to **Dr Bill Jobling**, Reader in Religious Studies at Sydney University, the latest discovery indicates that Yahweh really was originally worshipped by the Israelites as a member of a pantheon of gods.

The Asherah find was originally made in 1975 by **Dr Zeev Meshel** of the Tel Aviv Institute of Archaeology, who uncovered a small wayside shrine at Kuntillet Ajrud, a lone hill of water wells in the desert 50km south of Beersheba.

Dr Meshel believes all or most other wayside shrines were destroyed by monotheistic reformers who wanted only one holy place - the temple in Jerusalem. He thinks Kuntillet Ajrud survived because it had been abandoned 150 years before 300 years of reformist purges which began in the 9th century BCE.

The shrine is the size of a large house and preserved an array of Hebrew and Phoenician inscriptions painted on plaster walls and tall offering jars, or pithoi. The inscriptions contain the Hebrew names of God - El and Yahweh, as well as the names of other pagan deities... including Baal - not unusual, "for every spring, river, village had its own Baal", according to Dr Meshel.

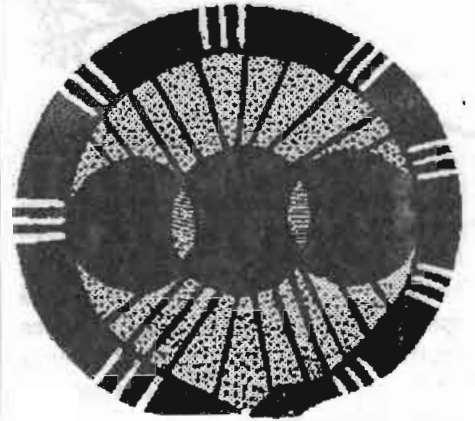
One inscription over a painting of a woman playing a lyre - thought to be Asherah - on a pithos reads; "...May you be blessed by Yahweh of Shomron (Samaria) and his Asherah." Another reads; "*Amaryau said to my Lord... May you be blessed by Yahweh... and his Asherah.*" Other drawings include the Tree of Life with two ibex leaping at it from either side and a striding lion.

"We have in the Bible a manifesto that Jerusalem was the chosen city, David the chosen king and his line the true succession under a contract with Yahweh, and the old tradition of Moses," says Dr Meshel. The suppression of Asherah can now be seen as the result of the "near-total suppression of the cult by the eighth to sixth century reformers," says Professor William Dever, biblical archaeologist from the University of Arizona, who believes that Asherah was worshipped as the Mother Goddess and consort of Yahweh.

The find, taken with other evidence, shows "*a more inclusive, wholistic concept*" of God, according to Sister **Elaine Wainwright**, a Brisbane Catholic theologian. She believes biblical evidence of women's roles is slender because of the editing by "*those with a vested interest in the patriarchy and thus in loosening the voice of women*" and that the strong male symbols of god coincided with the male-dominated rise of the kings. N

— ABORIGINAL LORE REVIVED —

Aborigines are practicing traditional Aboriginal law around the Newcastle-Lake Macquarie area for the first time in almost fifty years.



More than twenty Murrawon men, led by an old and powerful man known as '**Uncle Lenny**' Da Silva, have been undergoing initiation and secret ceremonies in a revival of the old ways. Murrawon law involves commitment to acting as custodians or protectors of sacred country and is a belief system rooted in the Dreaming stories of the country. The Murrawon are a collective of initiated men from seven different NSW language groups.

"*Don't ever let it be said that in this State, Aboriginal law and culture and society has died,*" said **Bill Smith**, Chairperson of the Murrawon Initiated Men's Council, during an "important mission" to the Australian Museum in Sydney aimed at securing the return of sacred artefacts.

"*Our culture is very, very much alive and breathing. The Murrawon men have always had the law; it's just that they have never had the opportunity or the guidance to come together and practice ceremonies,*" he said. Uncle Lenny, from Armidale, has been the keeper of complex and sacred Aboriginal law since his initiation in the 1930s.

"The old fella came forward [about two years ago]," explains Mr Smith. "He knew that we, us men, would be genuine about going to do the law." Mr Smith, who isn't a full-blood Aboriginal says, "*It's not your colour or how you look, it's what you believe in.*" N

## -AGENT ORANGE TURNAROUND-

In a landmark decision, the safety of Agent Orange and related agricultural chemicals has been brought into open question once again.



The Administrative Appeals Tribunal found in favour of a widow who had been fighting for more than 8 years to prove her husband died as a result of chemicals sprayed on him in Vietnam. Mrs Maree Smith, whose husband died of cancer in 1977, will now receive a backdated war widows pension.

In response the Federal Minister for Veterans Affairs, Mr Humphries, called for an urgent report on Agent Orange; there has been an avalanche of new evidence linking exposure to the chemical and its derivatives to cancer and birth defects in children. Agent Orange is now a generic term for all phenoxy herbicides composed of 2,4,5-T or 2,4-D.

The tribunal's decision also lends credence to the view that combined effects of these and a cocktail of other chemicals sprayed on veterans has been disastrous for their health. This viewpoint was curiously rejected by the notorious Evatt Royal Commission into Agent Orange - which quoted chemical company documents verbatim in its findings to 'prove' these chemicals were safe and disallow compensation claims - despite opposite findings by wider studies in the US and elsewhere.

Also in May a panel of scientists in the US reported that studies led to the "inescapable" conclusion that non-Hodgkin's lymphoma, soft-tissue sarcoma, certain liver ailments and a skin condition making tissue vulnerable to being torn, in addition to chlorachne, are linked to exposure to Agent Orange.

Their review also showed an even chance that the chemical is also related to certain neurological conditions, birth defects, Hodgkin's disease and sterility problems in Vietnam veterans, their spouses and children. N

## — PLASTIC MONEY WINS —

First the bad news; Australian Reserve Bank will begin phasing out all paper money this year, replacing it with more durable plastic notes after the success of the Bicentenary \$10 note. The new notes will all be redesigned. The first to be replaced will be the \$5 note. *Now the good news... there will be no \$5 coin.* N

## — VIRTUAL REALITY —

In a unique convergence of video, audio and computer technology, a sensory marvel is taking shape. Computer hardware and software company VPL of Redwood City in southern California has designed a system that allows users to create their own fantasy world on a computer screen - and then to enter into it...



VPL helped to design a 'dataglove' used by NASA for space simulations. The glove is connected to a computer and becomes a 'virtual hand', interacting with objects depicted on-screen.

Now, a VPL team, under the leadership of 29-year old Jaron Lanier, has designed a complete body suit - fully equipped with umbilical cables connected to head, back and limbs.

Added to the suit is a pair of 'eye phones', virtual reality goggles which are two colour TV monitors. Two silicon graphics computers - one for each eye - produce the images... and complemented by headphone speakers to relay virtual sounds. Using a VPL-designed modelling program called Swivel 3D on

## — ULTRA VIOLET CHILDREN —

Australasian children may have to wear optic sunglasses from the age of three or four years to avert eye damage caused by the thinning ozone layer.

Evidence shows a link between excessive exposure to UV light and eye cataracts, according to Ian Favilla, optomologist at Melbourne's Monash Medical Centre. This could result in an extra 36,000 cases of eye problems a year in Australia, he said earlier this year.

*"It takes 20 to 30 years for the eye to build up protective mechanisms. The eyes of a child are very vulnerable and damage to them is cumulative."*

A report to the June ozone conference showed a 5% thinning of ozone across the Australian mainland, linked to the so-called ozone hole over the antarctic. This is a debate which Australia and New Zealand will have to lead; the northern industrialised nations are responsible for the damage, but are not yet experiencing it directly and are more complacent about the urgent action required. N

an Apple Macintosh, a world designer first draws a floor plan of their universe. Then 3D objects are added to complete the view. Once inside a body suit, a user can actually enter their own creation, experiencing a perspective from inside their world, which they can explore.

Observers of VPL bodysuit displays see users writhing about in their suits as they explore virtual reality, while their figures appear on display screens of their private cosmos. Some describe the experience like being inside an animated cartoon.

Jaron Lanier predicts a day when homes will have their own Home Reality Engine which will allow people to experience other cultures, lands or even history as though they were part of it.

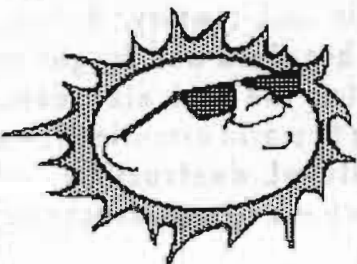
*"You can play back exactly what you experienced," says Lanier. "Experience becomes something you can store on a computer file," he said.*

*"I have toyed with the idea of opening a Virtual Reality Parlour... sort of a salon scene where people would have virtual reality conversations and share wild experiences."* N

## - PLANTS GROW HUMAN PARTS -

Plants are being used as miniature factories to produce large amounts of biological chemicals. Using advanced biotechnology, scientists have grown tobacco plants that produce human antibodies, potatoes that make serum albumin (a human blood protein used widely in surgery), and rape plants that make enkephalin, a natural painkiller normally produced in the human brain.

One Californian biotechnology company is planning to market a sunscreen containing human melanin (skin pigment) which was also grown in tobacco. Jeremy Rifkin, President of the Foundation on Economic Trends, says "Turning living creatures into chemical factories" has obvious benefits, but "the environmental and ethical implications have not been explored. If the plants are raised outdoors and the new genes get into the wild gene pool, it could have a potentially destabilising effect on the



ecological system. They are performing processes not performed in nature."

Genetically altered plants can produce larger amounts of useful human proteins than conventional yeasts, bacteria or animal cells into which human genes are implanted for the purpose. Plants generally take care of themselves and require far less culturing or tending.

Genes can be transferred into plant cells with ease, and the plants can be grown by the acre to produce massive amounts of hitherto almost unobtainable chemicals. A system developed by Biosource Genetics carries

genes into plant cells using an RNA molecule which multiplies and spreads itself and the foreign gene throughout a plant, which will then produce human protein. The RNA degrades with time, according to Biosource President Erwin, and the foreign gene is never passed on to subsequent generations. Their first product is plant-derived human melanin - naturally better at scattering ultraviolet radiation than chemical sunscreens. **N**

## — GIVE BLOOD... OR ELSE —

The NSW Government passed legislation last May to test all prisoners in NSW for the AIDS virus. This seems a very good idea, although civil liberties and prisoners' organizations and others have reservations.

Despite the announcement from Peter Anderson, Opposition spokesperson on law & order, that there was "dubious policy justification" for these changes and that there are no proper measures to guarantee confidentiality, the legislation was not opposed. Mr Anderson also described the bill as "dangerous, in so far as it appears to be dealing with a serious problem and, in fact, does nothing," before he recommended that it be passed anyway.

Under the new system, all prisoners will be compulsorily tested upon entry into the prison, three months later and on departure. As under similar anti-drugs legislation recently enacted around Australia, necessary force may be used to

ensure prisoners give a blood sample.

But perhaps the new system does do something after all. State and Federal police forces have recently begun to put in place a Gene Bank (similar to fingerprint file) for identifying criminals by body tissue (blood, semen, hair, skin etc) left at the scene of a crime.

Some prisoners' organizations and others have pointed out that in order to build such a genetic data bank, the data has to come from somewhere - preferably blood samples from known criminals.

But how could you persuade known prisoners to voluntarily donate blood for such a purpose? You couldn't. Was this legislation passed without opposition for this reason?

It would be easy to dispel such announced fears with an official denial, but so far none has been forthcoming.

Recent tests of blood from 5,000 Australian servicemen & women showed no signs of contamination with HIV, the human immuno-deficiency virus. **N**

## — ELDER AUSTRALIANS —

Stone artefacts found in a cave floor at Kakadu have pushed back the 'official' dating of Aboriginal occupation of Australia by tens of millennia.

Reported in Nature in May, the Malakunanje II rock shelter - occupied 60,000 to 65,000 years ago - "represents the oldest direct dating of art in the world," said Dr Rhys Jones, Australian National University, leader of a 3 person team that announced the discovery.

"It's extremely exciting, because I regard art as probably the most important artefact of the past, because it encodes so much information about human brain function, perception and our view of nature."

The occupation date overlaps that of the 'Solo people', a group that occupied Java from 110,000 to 55,000 years ago. An almost continual fossil record now links the Solo people with Java Man, a form of Homo erectus, a presumed ancestor of modern humans. "Robust" human skulls found at Kow Swamp in Victoria and the Mungo-Willandra Lakes region of south-western NSW, closely resemble those of Solo people.

Elsewhere in Australia ancient skulls are unmistakably those of modern humans. Yet skulls of modern Aborigines from various parts of Australia often show



features intermediate between Solo and modern humans. A skull found in the Willandra region not far from the 30,000 year old Lake Mungo site is radically different from the Mungo remains, indicating Australia may have been simultaneously inhabited by two very different races of people; one Homo Erectus & one Homo Sapiens (modern-style humans). The Malakunanje II rock shelter may trigger a sweeping revision of dates assigned to other human sites around the continent. But a new method for extracting DNA in blood extracted from fossilised bones being tested at the ANU may provide more accurate carbon dating & interesting genetic information than any breakthrough to date. **N**



# BRUNO MANSER

## Appeals to Australia

Photo - Michael Ney



### *“The Penan tribespeople*

*hear bulldozers and chainsaws on all sides; their food trees are being felled; the wildlife they have always hunted for protein has been frightened away; their water supply is polluted and fish stocks in their rivers are dying. They live very lightly on the land, taking only what is necessary to survive, but since 1984, one-third of the area has been destroyed, and two-thirds opened up by roads. Leading politicians are often involved in the tropical timber industry as holders of logging licenses. Time is very short for these people. From my close observation of their culture, I estimate that if logging and road building is not stopped immediately this unique tribe's culture will become extinct. The Penan are the last tribe of nomadic hunters-gathers in Borneo,”* stated Bruno Manser at a Sydney press conference recently.

The Penan people are living out the last days of their nomadic life in the beautiful but fast-diminishing forests of Borneo. Many people have seen the film *Blowpipes and Bulldozers*, (produced by Jeni Kendell and Paul Tait, assisted by sound recordist Rowland McManis, and interviewer Andrew Frame) in which the story of the Penans and Bruno Manser, the “Penan Man”, is compassionately shown.

The Penan people say their survival is threatened by heavy machinery encroaching further each day into their traditional hunting grounds. After helping them in their struggle to defend their customary lands against intensive rainforest logging, Bruno, dubbed the “Tarzan of Sarawak” by the Malaysian authorities, has left Sarawak to travel through Europe.

In June, 1990 Bruno Manser visited Australia to make a plea to the Australian Government and the general public. While in Australia, Bruno also met with timber industry representatives and politicians, urging for international pressure to be brought to bear on the Malaysian authorities to recognise the land rights of the indigenous people.

**T**he story of the Penan tribe of Sarawak Malaysia is one that is happening regularly all over the planet, dealing with the potential extinction of yet another tribal culture in this century. A Swiss man, Bruno Manser has lived and fought with the Penan people for the last six years, and is now bringing to world attention the environmental and cultural destruction caused by the continuing use of rainforest timbers.



### **Appeal To The Australian Government**

I appeal for a boycott of Malaysian timber until the human rights of the original inhabitants have been respected. A biosphere reserve should be created for the Penan to protect their land, heritage and culture in perpetuity.

I humbly request the NSW Parliament to pass a resolution to the Federal Government of Australia, calling on the Malaysian Government for an immediate moratorium on logging of Penan lands in Sarawak.

Finally, I would ask the NSW Parliament to pass a resolution specifically banning the use of Malaysian rainforest timbers in any future NSW Government construction projects, and that Parliament inform its construction contractors of any such decision, and give the reason - the protection of the land rights and human rights of the Penan.

It is not practicable, nor is it my intention, to seek to bring about the demise of the Malaysian timber industry; but it should be recognised that a part of the area now being felled is the life-support system for a gentle, trusting, harmless tribe of nomads.

Bruno Manser - June 14, 1990.

**T**he Penan resorted to blockading timber roads in an effort to stop this massive destruction and to preserve their way of life. The blockades of timber roads by thousands of native people in Sarawak in 1987 stopped logging activities in two major timber districts. After these were dismantled new blockades kept springing up, where these humble tribes people braved sweltering tropical sun and cold mountain winds.

Over one hundred Penan tribespeople have been imprisoned for trying to protect their native lands. They seek formal legal recognition of their customary land and forest rights, and the human right in law to defend their property against trespass and damage.

Timber is now Sarawak's biggest foreign exchange earner. Most logs are shipped to Japan. Australia imports 400,000cu.m. of Malaysian timber a year, about 2% of the world trade. Australia is well placed to make the first

decisive moves by a consumer country to help reform the tropical timber industry to ensure human rights and environmental standards are met. Australia has a strategic position near Asia, and has alternative sources for tropical timbers use, particularly plantation grown pine.

**Prince Charles has described the effects of logging on Borneo's indigenous people as "collective genocide".**

The large majority of tropical timber comes from Malaysia, but only a small amount comes directly from Sarawak, mostly from Sabah. This point has been raised by the timber industry here and is important to keep in mind. However, some tropical timber comes from Singapore and other places. Also, furniture and other finished goods from

countries such as Taiwan probably originated in Sarawak. Most of the Malaysian timber is used for low quality end-uses... window frames, doors etc. Most is called "Meranti" or "Pacific Maple". We can help by being aware of these names and not buy these timbers.

The Building Workers Industrial Union (BWIU) in the state of Victoria has banned the use of rainforest timber on building sites, with the Union in the rest of the country possibly to follow suit. The Waterside Workers Federation (WWF), along with some other Unions, are considering placing temporary bans on the unloading of rainforest timbers from ships. Let us hope that many more such initiatives are undertaken and that the Australian Government responds favourably, not only for the sake of saving an endangered forest, but also for the people who rely on that forest... and ultimately that includes the entire population of the planet.

- by Jenny Dell and Bruno Manser

## The Environmental View

**C**ampaigns in Australia for the preservation of international rainforests have mostly focused on South East Asia and the logging issue. The Penan issue has been tied to the tropical timber campaign and given wide publicity. The environmental movement in Australia is calling for a conditional ban on the importation of tropical timber, until such time as the timbers meet high environmental and human rights standards. This is not "a total end to all imports", as seen by some people including many Malaysians. At present, this ban would include virtually all timber, barring a small amount from plantations, as there is no suitable timber produced from virgin forests.

It is essential that there be some refusal to buy tropical timber, as currently produced, by consuming countries such as Australia, to force the timber industries and Governments of the producer countries to change their ways.

The fact that there is no such thing as "sustainable" industrial logging of rainforests on a commercial scale has been a major focus for environmentalists, particularly as Australian rainforests have been extensively logged.

It is time this myth is laid to rest, as the timber industry and others (such as the Malaysian Government) continually use it to justify their practices. Tropical timber production must NOT come from natural forests, but rather from plantations.

## The Australian Government Position

**T**he Federal Government has not decided its policy on tropical timber importation, but it is presently being addressed in Canberra. They will probably favour a "cooperative" approach with Malaysia and other countries, encouraging them to "better manage" their timber industry to make it "sustainable", etc. As yet, they have made no specific moves on the part of the Penan, such as representations to the Malaysian Government; showing little understanding of rainforest logging in Asia, its effect on the lives and cultures of indigenous people, or on the natural environment.

There is a widespread view that export earnings are good for the country as a whole, not considering the fact that logging or other industrial activities can create poverty, by ruining the peoples' resource base. Ros Kelly, Minister for the Environment, is preparing a submission to Cabinet (a policy forming group of Ministers) on this issue.

A consultants report (by Coopers & Lybrand), commissioned by the Government is not public, but is rumoured to be very poor, not grasping the issues and ignoring the indigenous peoples rights.

Regretably, there are powerful Ministers in the Government, such as Gareth Evans and John Kerin who are opposed to Australia taking firm action, such as banning all or some of our tropical timber imports.



*Bruno Manser, with Democrat M.P., Hon. Richard Jones at the Sydney press Conference, appeals to the Government.*

## The Timber Industry View

**T**he Australian timber importers are very worried by the campaigns of environmental and human rights groups over rainforest logging and the resultant public awareness and pressure. The major industry group, National Association of Forest Industries (NAFI), have produced a briefing document on the issue of tropical timber. They support the current trade in tropical timbers, based on the following reasons, i.e. that logging of tropical forests is not necessarily environmentally destructive; that the "poor" Asian countries need the currency; that destruction of rainforest for agriculture by the rural poor is the major problem and logging, on a world scale, is unimportant in destroying rainforests. The timber industry never mentions that indigenous people are adversely affected by constant logging, resulting in the destruction of their homes.

# TOKEN LIBERTIES

*Have no fear... Big Brother is here!*

## TOWARDS A CASHLESS SOCIETY?

*Re: A Report to the Prime Minister by ASTEC, prepared by the Technological Change Committee - 1986 (A.I.15)*

In 1971, the Centre for Strategic and International Studies at Georgetown University (USA) assigned a group of informatics specialists to develop a system of surveillance of all citizens in a manner neither obvious nor intrusive; their recommendation was a national EFTPOS system. A vivid illustration of the way in which this would work was foreseen, perhaps playfully, in 1974.

### DAILY SURVEILLANCE SHEET CONFIDENTIAL - JULY 13, 1984

**SUBJECT:** John Q Public  
4 Home Street, Anywhere, USA, Male,  
Age - 40, Married. Electrical Engineer.

### PURCHASES

Wall Street Journal. \$1.00  
Breakfast - \$ 2.25  
Gasoline - \$ 8.00  
Phone (111 1234) - \$ 25.00  
Phone (222 5678) - \$ 25.00  
Lunch, \$4.00; Cocktail - \$ 1.50  
Bank (cash withdrawal) - \$200.00  
Lingerie - \$135.67  
Phone (111 8769) - \$ 00.45  
Phone (869 1111) - \$ 00.80  
Bourbon - \$ 12.53  
Boston Globe - \$ 00.50

### COMPUTER ANALYSIS

Owns stock (90% probability)  
Heavy starch breakfast, probably overweight.  
Bought \$6.00 gasoline. Owns VW. So far  
this week subject has bought \$25.00 worth  
of gasoline. Obviously doing something  
besides driving 9 miles to work. Bought  
gasoline at 7.57am at gas station 6 miles  
from work. Subject probably late for work.  
Third such occurrence this week.  
Phone No 111 1234 belongs to Joe Book.  
Book was arrested for illegal book-making  
in 1970, 1978, and 1982. No convictions.  
Phone No 222 5676 belongs to expensive  
men's barber shop specialising in hair  
restoration. Drinks during lunch.  
Withdrew \$200.00 cash. Very unusual  
since all legal purchases can be made

using Uniform Federal Funds Transfer  
Card. Cash usually used for illegal  
purchases. Bought very expensive  
lingerie. Not his wife's size.

Phone No 111 8769 belong to Jane Doe.  
Phone No 869 1111. Reservations for Las  
Vegas (without Wife). Third trip in last  
three months to Las Vegas (without wife).  
No job related firms in Las Vegas.

Will scan file to see if anyone has  
gone to Las Vegas at the same time and  
compare to subject's phone call numbers.  
Purchased Bourbon. The third bottle bought  
this month; indicating either heavy drinker  
or much entertaining.

### THE OVERALL ANALYSIS

Subject left work at 4.00pm since he  
purchased Bourbon 1 mile from his job at  
4.10 pm (opposite direction from home).  
Subject bought newspaper at 6.30 near  
his house. Unaccountable 2.5 hours.  
Subject made 3 purchases today from  
young blondes. (Statistical 1 chance in 78).  
Probably has weakness for young blondes.  
(Jane Doe is a young blonde).

### SUBLIMINAL ADVERTISING

Subliminal suggestion has long been  
recognised as a powerful, if slightly unethical  
advertising tool, but its legality is as yet  
undefined in France, following the hearing  
of a recent, and rather bizarre court case.

The case was brought by a Robert  
Casonovas charging that President  
Mitterand's supporters had resorted to  
subliminal tactics to ensure his re-election.  
Casonovas had stipulated that a picture  
of Mitterand had been screened amid 50  
other fleeting images in a strip that served  
as an introduction to the public television  
channel, Antenna 2. He charges that this  
strip had been run exactly 2949 times  
during the last election campaign.

The legal authorities declined to  
prosecute after examining the case, which  
left the plaintiff to prove in a civil case  
that the two creators of the montage were  
guilty of subliminal manipulation. This  
case is the first of its kind and the bench  
was at a loss on how to deal with the issue.

via Print Media - May 1990

**-EYE IN THE SKY ANNOYS FARMERS-**  
Infra-red cameras are to be flown over  
properties on "spy" aircraft by one of  
Australia's banks to assess "loan applica-  
tions". The National Australia Bank says  
it will use these cameras to estimate the value  
of land, and farmers have reacted angrily.

The NSW Farmers Association President  
has suggested that the scheme suggested "Big  
Brother" tactics, and that the bank "was  
being foolish to its most valuable clients".

via Daily Mirror 30/1/90

### THE E-TEAM ARRIVES

NSW announces Enviro-Police. Already  
being labelled the "E-Team", this squad of  
more than 1,000 enviro-cops with the power  
to issue on the spot fines will be in force  
around NSW by the end of the year.

The E-Team will not only be after  
"factory polluters", it will also be gunning  
for backyard dumpers of used auto oil, and  
also septic tank contents. The new scheme,  
which also includes expanded powers for  
the State Pollution Control Commission,  
will be detailed in the Govt's new Environ-  
mental Protection Authority legislation

This new crackdown on pollution will  
coincide with new litter legislation, to be  
unveiled shortly by Environment Minister  
Tim Moore. Under the new laws, littering  
of streets, parks, harbours and other  
public areas will now attract fines of \$200  
compared to existing penalties of \$20.

State Government authorities including  
the Water Board, the Waste Management  
Authority, and the SPCC will also be given  
expanded powers to enter and inspect the  
premises of major industrial polluters.

After giving the SPCC these new powers,  
Mr Moore then plans to scrap the SPCC,  
replacing it with - *guess who* - the Environ-  
mental Protection Authority. Legislation  
for this is expected to be introduced in the  
Budget Session of Parliament in September.

All this sounds very 'environmental' but  
how is this eventual new body going to  
know about, or police, ordinary household  
pollution without Orwellian type laws of  
"search and entry on suspicion" being  
included in the bill?

via Sunday Telegraph - 22/7/90



# UNCLEAR AGE... NUCLEAR NEWS

## NEW NUKE PULSE BOMB

The Pentagon is studying a new aerial bomb which would unleash an electromagnetic pulse that would disable an enemy's ground-based electronic gear.

The bomb, called the **High-Power microwave Weapon**, would produce a pulse vastly stronger than a conventional nuclear weapon which would operate over a much wider area. It represents the second attempt to tailor the effects of a nuclear explosion; the first was the **neutron bomb**, designed to produce more radiation, to kill people, and a smaller blast, to preserve buildings and equipment. The US Energy Dept. is seeking **\$US481.22 million** for its proposed weapons development plan and a **further \$1.43 billion** next year to continue building eight types of nuclear warheads.

## POWER LINES & CANCER

New research has shown another link between **high-voltage transmission-lines and cancer**. A recent study of 50,000 telephone company workers in New York has found that...

► The cancer rate was twice as high among line workers - those exposed to the most intense electromagnetic fields - as among other telephone workers.

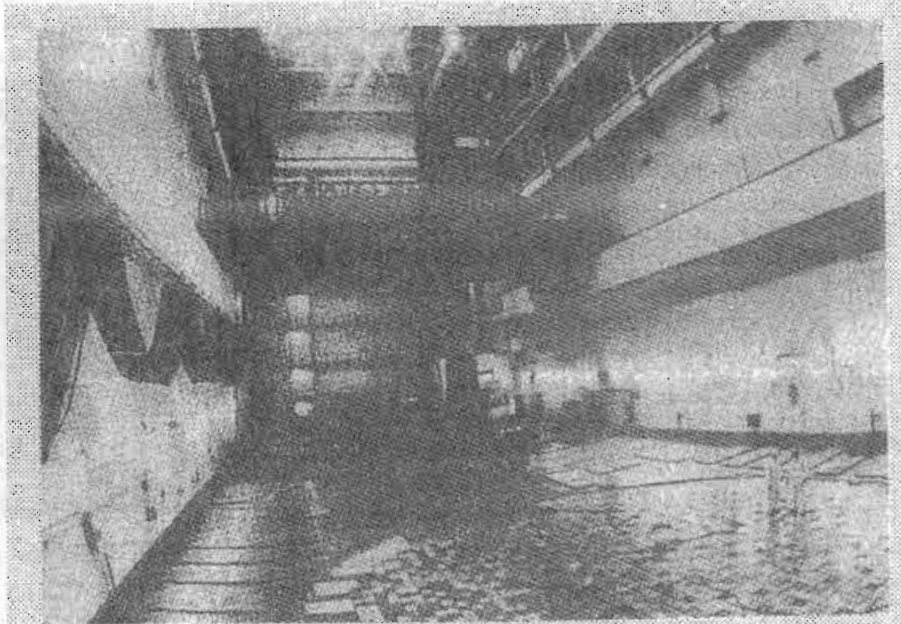
► The leukemia rate among line worker was seven times higher than among other telephone workers

► Two cases of breast cancer among 9,500 men working on switching equipment, much higher than the expected incidence rate of one case in a million.

Scientists say that how electromagnetic fields affect human tissue is **not precisely understood** but they maintain that studies show there is growing reason for concern.

Despite some scepticism, seven US States have adopted standards limiting the intensity of the electric fields at the edge of high-voltage transmission-line rights-of-way. Florida last year became the first State to limit magnetic fields around new transmission lines. Unlike electric fields, magnetic fields are not blocked by obstacles such as house walls.

via Washington Post **N**



*Inside the Chernobyl Reactor...  
Washing away the sins of the past!*

## CHERNOBYL EVACUATION

**Moscow: Demands from the Republics near Chernobyl are demanding the evacuation of hundreds of thousands of people still living near the reactor.**

After much debate Parliament finally passed a revised plan under which **up to 200,000 people will be evacuated** from the Ukraine, Russia and Byelorussia over the next 2 years, costing 16 billion roubles.

Many speakers in the debate criticised the 'norms' of exposure to radiation which have been officially accepted until now.

People have been told that it is safe to live in areas contaminated by up to 5 curies per square kilometre, but some believe that **1 curie per sq km should be the limit**. Radiation in the city of Gomel ranges up to 8 curies per sq km, while in nearby towns the levels are much higher still. **N**

via The Independent

### NEXUS WELCOMES NEWS

Send any items of interest to us to go in our research files or possible inclusion in either **Unclear Age**, **Token Liberties** or **Global News**.

## MINERS WARNED - NO BABIES!

Miners working in high radiation areas were **warned recently not to father children**. A recent British doctor's journal has shown that children of workers exposed to eight years of radiation at a nuclear waste reprocessing plant, were six to eight times **more likely to contract leukemia**.

Australian Democrat Senator John Coulter said that the Olympic Dam uranium mine in South Australia was a major area of concern in Australia, and that male employees expecting to father children should not be working there. **N**

## TWO-HEADED MUTATION

**Bulgaria.** A baby girl with two heads was born in the town of Chirpan, east of Plovdiv in south-eastern Bulgaria, the Bulgarian trade union daily 'Trud' reported.

Five hours after the delivery, doctors performed surgery to **remove the second head**, apparently the operation was successful. *One head is better than two!*

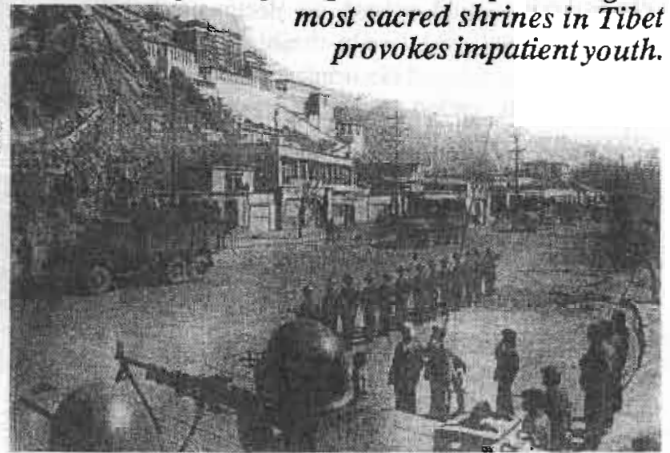
In 1987 'Trud' described Chirpan as an area **highly polluted with radioactivity**, even one year after the Chernobyl accident in the nearby Soviet Union. **N**

via AP - SMH 24/2/90

# Tragedy in **TIBET**

- ❖ Twelve million Tibetans (one-sixth of Tibet's population) died as a direct result of the Chinese occupation.
- ❖ The International Commission of Jurists found in 1960, that genocide was being committed in Tibet and that 16 Articles of the Universal Declaration of Human Rights were being violated.
- ❖ The U.N. General Assembly passed three Resolutions condemning China for "violations of fundamental human rights of the Tibetan people", and called on China to respect the Tibetan people's rights, including their rights to self-determination.
- ❖ In an effort to annihilate Tibet's religion and culture, Chinese militia systematically destroyed 6,254 monasteries and temples: 80% during the "democratic reforms" before 1966, and the remaining 20% during the Cultural Revolution, according to Chinese officials.
- ❖ One out of ten Tibetans has been held in prisons, or forced labour camps, for periods of ten to twenty years. Most were beaten and tortured. Today about 100,000 Tibetans remain in captivity for anti-state activities.
- ❖ Forced abortions and sterilization of Tibetan women are common. In Chamdo, Tibet's third largest city, fetuses have been found in storm drains and hospital trash.
- ❖ Medical care and education of Chinese children in Tibet is far superior to that available to Tibetans. 70% of places in higher education are reserved for the Chinese.
- ❖ Tibet is tightly controlled by the Chinese Communist Party and army. Peking appoints all senior government and Party officials, most of whom do not speak Tibetan.

**L**hasa's streets are deceptively calm. Wild looking nomads still swagger round the market and red robed monks wander the streets chanting scriptures for alms. Many Tibetans are nonchalant and curious about soldiers, yet below the surface Tibetan anger is growing. Despite the lifting of Martial Law, the cause of discontent remains. The humiliation of seeing troops and tanks patrolling the most sacred shrines in Tibet provokes impatient youth.



## THE DALAI LAMA'S ENVIRONMENT STATEMENT

Peace and the survival of life on earth as we know it are now threatened by human activities that lack a commitment to humanitarian values. Destruction of nature and natural resources results from ignorance, greed and lack of respect for the earth's living things.

Our ancestors viewed the earth as rich and bountiful, which it is. Many people in the past also saw nature as inexhaustibly sustainable, which we know is the case only if we care for it. It is not difficult to forgive destruction in the past that resulted from ignorance.

Today, however, we have access to more information, and it is essential that we re-examine ethically what we have inherited, what we are responsible for and what we will pass on to coming generations. Clearly, this is a pivotal generation. Global communication is possible, yet confrontations take place more often than meaningful dialogue for peace. Our marvels of technology are matched, if not outweighed, by many current tragedies, including human starvation in some parts of the world and extinction of other life forms. Many of Earth's habitats, animals and plants that we know as rare may not be known at all by future generations. We have the capacity and the responsibility...



graphic - John Klok

... we must act before it is too late!



# ECOTIBET



*Prior to the Chinese invasion, and subsequent occupation of Tibet, this vast land of 2.5 million square kilometres, the "roof of the world", existed as an ecosystem virtually free from the impact of the industrial age. The highly developed culture of the Tibetan people held as its core value compassion for other living beings, & protection of habitat was a natural result. Exploitation of the earth's resources was perceived to result in disharmony and imbalance. Since 1959, the genocide in Tibet has been accompanied by appalling ecocide...*

## **Tibetan wildlife has been decimated**

Indiscriminate shooting has reduced a widely varied and flourishing fauna to a grim list of rare and endangered species, including the snow leopard, wild yak, wild ass, musk deer, bharal antelope and lynx. It is apparent that some bird species are also threatened.

## **Deforestation**

The devastation of Tibet's forests has been widely documented by refugees, foreign visitors to Tibet, and the Chinese themselves. An estimated US\$54 billion worth of trees have been felled; thousands lie wasted on hillsides and in rivers. A ceaseless procession of lorries loaded with timber ply the roads to China.

## **Toxic waste dumping, nuclear testing**

(and possibly chemical and biological warfare testing): The effects that these practices might have on local populations of humans, animals, plant life and on the environment as a whole are ignored. Because Tibet is an earthquake zone, it is particularly unsuitable as a dumping site. Seven of the major rivers of Asia—the Brahmaputra, Indus, Sutlej, Mekong, Salween, Yangtze and Yellow—have their source in the Tibetan plateau. Should any of their watersheds become contaminated, the effects would be disastrously widespread.

## **High altitude over-grazing**

Through forced collective livestock farming and disruption of traditional nomadic practices far too many livestock are being raised on land that cannot support them. In addition, military presence in traditional grazing areas has forced nomadic herdsmen into marginal regions that cannot sustain or recover from such use.

## **Hydrology**

Due to deforestation and over-grazing, increased water run-off has caused severe erosion and increasingly destructive flooding and silt deposition in the highly populated and critical food producing regions of China, the Indian Subcontinent, and South East Asia. It is thought that increased quantities of silt carried by currents far beyond the delta areas may have a warming effect on the oceans, with serious consequences for marine life.

## **Mining**

It is reported that the Chinese government is preparing to extract Tibet's rich deposits of gold and uranium, as well as strategically important minerals such as copper, iron, lithium and tungsten.

## **Population Transfer**

In addition to military personnel, China has engaged in large-scale transfer of Chinese citizens to Tibet. Urbanization, road construction, heedless waste disposal and the unrestrained abuse of this precarious biosphere imperils the unique and fragile nature of the Tibetan plateau.

The Dalai Lama and the Tibetan government-in-exile have proposed that the solution to these problems is to create a zone of peace (or non-violence, encompassing environmental non-violence) in Tibet. It is a vision with far reaching implications, because it extends beyond current concepts of environmental concern which often tend to focus on specific issues. A whole nation becoming a zone of environmental non-violence would provide a model for a world searching for solutions to a global ecological crisis.

## **ABOUT AUSTRALIA TIBET COUNCIL**

ATC is an independent, non-profit, Australian organization. ATC supports the United Nations resolution #1723 of 1961, calling for "cessation of practices which deprive the Tibetan people of their fundamental human rights and freedoms, including their right to self-determination". ATC aims to raise awareness of the situation in Tibet by providing accurate and reliable information to the Australian community at all levels. ATC believes that the peaceful resolution of the Tibet-China conflict will be a significant step towards World Peace.

*For more information and application for membership:*

**ECOTIBET**  
111 Little Lonsdale St,  
Melbourne VIC 3000  
FAX. (+61) 03-663 4484  
or Pegasus email - [peg:ecotibet](mailto:peg:ecotibet)

**AUSTRALIA TIBET COUNCIL**  
ACT office - 27/51 Musgrave St,  
Yarralumla 2600 Tel. 06-281 1493  
or Pegasus email - [peg:austibet](mailto:peg:austibet)  
NSW office - Tel. (+61) 02-519 6204





# THE VALDEZ PRINCIPLES

*"A coalition of environmental groups, religious organizations and investors controlling more than US\$100 billion, among them the funds of New York City and California, introduced a code of conduct yesterday to use in judging which corporations are environmentally responsible."* Quote from The New York Times. C.E.R.E.S. Project (Coalition for Environmentally Responsible Economies) is the name of the coalition, and they called this document The Valdez Principles after the Exxon Valdez disaster. What makes this 10-part statement so exciting is that it intends to establish ecological wisdom as the standard by which corporations do business.

The implications of an internationally accepted set of principles based on ecological responsibility is vast: Is the company that made the product you are about to buy signatory to the Valdez Principles? Why not have a recognisable seal on the label shows the company's participation in this program? This could make our shopping choices straightforward. We vote with our dollars. We sculpt the world around us by our informed purchases of goods and services. With a set of principles like these to easily guide the public, some companies that are signatories will expand, and those who are not will decline if they do not reappraise their corporate direction.

***We recognise this to be a long-term commitment to update our practices continually in light of advances in technology and new understandings in health and environmental science. We intend to make consistent, measurable progress in implementing these principles and to apply them wherever we operate throughout the world:***

**1. Protection of the biosphere:** We will minimise and strive to eliminate the release of any pollutant that may cause environmental damage to the air, water or earth or its inhabitants. We will safeguard habitats in rivers, lakes, wetlands, coastal zones and oceans and will minimise contributing to the greenhouse effect, depletion of the ozone layer, acid rain or smog.

**2. Sustainable Use of Natural Resources:** We will make sustainable use of renewable natural resources, such as water, soils and forests. We will conserve non-renewable natural resources through efficient use and careful planning. We will protect wildlife habitat, open spaces and wilderness, while preserving biodiversity.

**3. Reduction and Disposal of Waster:** We will minimise the creation of waste, especially hazardous waste, and wherever possible recycle materials. We will dispose of all wastes through safe and responsible methods.

**4. Wise Use of Energy:** We will make every effort to use environmentally safe and sustainable energy sources to meet our needs. We will invest in improved energy efficiency and conservation in our operations. We will maximise the energy efficiency of products we produce or sell.

**5. Risk Reduction:** We will minimise environmental, health and safety risks to our employees and the communities in which we operate, by employing safe technologies and operating procedures and by being constantly prepared for emergencies.

**6. Marketing of Safe Products and Services:** We will sell products or services that minimise adverse environmental

impacts and that are safe as consumers commonly use them. We will inform consumers of the environmental impacts of our products or services.

**7. Damage Compensation:** We will take responsibility for any harm we cause to the environment by making every effort to fully restore the environment and to compensate those persons who are adversely affected.

**8. Disclosure:** We will disclose to our employees and to the public, incidents relating to our operations that cause environmental harm or pose health or safety hazards. We will disclose potential environment, health or safety hazards posed by our operations. We will not take any action against employees who report any condition that creates a danger to the environment or poses health and safety hazards.

**9. Environmental Directors and Managers:** At least one member of the Board of Directors will be a person qualified to represent environmental interests. We will commit management resources to implement these Principles, including the funding of an office of vice president for environmental affairs or an equivalent executive position, reporting directly to the CEO, to monitor and report upon our implementation efforts.

**10. Assessment and Annual Audit:** We will conduct and make public an annual self-evaluation of our progress in implementing these Principles and in complying with all applicable laws and regulations throughout our world-wide operations. We will work toward the timely creation of independent environmental audit procedures which we will complete annually and make available to the public.

**By adopting these principles we publicly affirm our belief that corporations and their shareholders have a direct responsibility for the environment. We believe corporations must conduct their business as responsible stewards of the environment and seek profits only in a manner that leaves the Earth healthy and safe. We believe corporations must NOT compromise the ability of future generations to sustain their needs.**

**T**he tropical timber industry is a machine of destruction fed by greed, poverty, and desperation and sitting firmly behind the steering wheel is the capital of the developed world. The end of the line is in sight. For decades the industry has behaved as if the forests are endless. But now the largest remaining ancient forests of Asia are on our doorstep on the Island of New Guinea. These too are being plundered.

In West New Guinea, (Indonesian state of Irian Jaya), the last complete remnants of mangrove forests in Asia are being fed into the wood chipper of Marubeni Corporation. To the south, the Asmat people, are being forced by the Indonesian military, under slavery conditions, to log their own forests. *This occupying force has slaughtered*

*100,000 tribal people in the last twenty years.* West Papuans, trying to resist the alienation of their lands, have been displaced by World Bank funded transmigrants, shot, raped; even napalmed and strafed from the air by US supplied B52's.

In East New Guinea, in Papua New Guinea, Australian mining companies are presently destroying the country for minerals, killing all life in the rivers, poisoning peoples drinking water. One company alone, the BHP led consortium of the Ok Tedi Mining Company, dumps over 70,000 tonnes of cyanide infected waste into the Ok Tedi river system daily!

A recent Commission of inquiry into the timber industry in Papua New Guinea described the timber companies operating there as "*robber barons*", destroying the forests, creating social disharmony and bribing politicians with hardly any benefits at all. Since 1975 only two timber companies in Papua New Guinea have ever shown a profit.

For his labours on the Commission over the two years, the commissioner, Judge Barnett, was stabbed within an inch of his life, and his findings have been suppressed. Now, a year later, not one copy of his report is available to the

## RALLY ADDRESS by George Marshall World Environment Day Rally June 3, 1990

people of PNG. This is hardly surprising, as one of his findings was that the biggest timber crook of all was a former Minister of Forests, who, on his appointment, gave himself one of the most valuable timber concessions in the country, from which he stood to make over \$7 million in illegal profits. **That man is TED DIRO - just promoted to Deputy Prime Minister.**



**E**very timber company working in New Guinea is breaking national laws; cheating the country, and breaking whatever quite inadequate environmental legislation there is. Officers of the Department of Forests have said to me that the "**TIMBER INDUSTRY IS OUT OF CONTROL**".

Let's face it, the timber industry is out of control here and everywhere in the world...in the tropics, in the temperate countries, developed and undeveloped!

This is why the people of PNG, Indonesia, Malaysia, and the Philippines are now calling for a ban on logging. Even the Prime Minister of PNG, Rabbie Namaliu, has called on consuming countries to halt the import of unsustainably produced timber.

Make no mistake about it, virtually ALL tropical timber IS unsustainable.

Unless we do something to stop this machine in its tracks it will not end until the last tree has been felled, and the last forest cleared. For instance, due to the timber industry on the Ivory Coast in Africa, there is only 5% tree cover left, and is still being eaten into. Within four years there will not be any forest cover AT ALL outside those national parks.

**So why don't we ban this timber? Why does the Australian government continue to vacillate? Why don't the multi-nationals pull out?**

Don't they care that 50% of the world's species will become extinct in the next fifty years? What a stupid rhetorical question! Of course they don't. If they did they'd BAN NOW and dig deep into their pockets, as we all must do, and help these countries through their problems NOW.

Everyone talks, but no-one does much.

THERE IS A VAST INDUSTRIAL MACHINE SCYTHING ITS WAY THROUGH THE RAINFORESTS OF SOUTH EAST ASIA. ITS APPETITE IS INSATIABLE. IN THE PHILIPPINES ONLY 3% OF THE ORIGINAL RAINFOREST REMAINS UNTOUCHED AND IN THAILAND ONLY 5% REMAINS...

A few people DO care. Members of the Rainforest Action Groups in Australia care enough to risk their lives in front of tropical timber ships. That is their level of commitment. If you wonder about this sort of protest, or if you are concerned but want to leave it to governments and those already active,

then I'd like you to consider this... how will we be able to answer the next and coming generation when it asks....

*"You were the last generation able to save the ancient tropical forests, the source of all terrestrial life on this planet. What did YOU do?"* If we cannot say that we did everything in our power to overthrow the system that rapes and destroys and now threatens our own existence, then we will have failed in the eyes of history. If we don't succeed I fear that there won't be anyone left to write that history. **So go out and fight for a better world... embrace the Green Millennium... one planet, one people, one chance.**

by George Marshall

New Guinea Islands Campaign  
PO Box 368 Lismore 2480 Australia  
Ph. (066) 218-5050 - gn:gmarshall

trees of life

1990

# A CRUCIAL TIME FOR EARTH



Cook-Causley Committee, only one is an expert in ecology or wildlife.

The other five are all experts in logging; including three NSW Government representatives, Dr R Curtin, Mr R Bridges, and also Dr J Turner. All are senior employees of the NSW Forestry Commission - the

promoters of the woodchipping plans now under scrutiny. Two of the three Federal Government nominees also have logging industry backgrounds; Dr B Richards, of the University of New England, is a past spokesman for foresters.

Dr K Shepherd, Australian National University, is an expert in introduced pine plantations. Professor H Nix, of Australian National University, is the only one who has a specialist background in native forest ecology or wildlife biology.

When the committee was set up in July 1989 it was not chosen by independent scientists, nor by our environment ministers. It was chosen by two men with responsibility for cutting forests down - the then Federal Resources Minister, Senator Cook, and NSW Natural Resources Minister, Mr Causley. Their bias towards logging meant there has been no moratorium or delay to logging during the study. The committee has been obliged to turn a blind eye to the bulldozing of 5,000 hectares of the same forests it was commissioned to study... the same area as the city of Sydney.

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### *A wealth of evidence already supports protection of the South East Forests in Australia.*

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The latest independent research, released in May 1990 by the Australian Museum, renews the call for immediate protection of surviving oldgrowth forests. What happens to the region will be a major factor in deciding the future of native forests across Australia. But unless the Government knows that you care, it may not move to save them. Your letters DO make a difference...

*write your letter now!*

### WHAT THE PRIME MINISTER ROBERT J. HAWKE CAN DO . . .

Since 1983, the Hawke Government has allowed woodchip exports from the South East Forests to rise by 42%. In Japan, those woodchips may become cardboard packaging for comic books. We are all under a clear and increasing responsibility to stop the woodchipping of Australia's native forests. Prime Minister Hawke has the constitutional power to do it. The Federal Government has had the power to control export woodchipping for more than 20 years. Since 1975 the Government has also had the responsibility of protecting forests and wilderness listed on the Register of the National Estate.

### WRITE TO THE PRIME MINISTER HE HAS THE CONSTITUTIONAL POWER FOR CHANGE.

Using any of the information provided here within your brief letter, will help to make sure he uses that power.

### HOW YOU CAN BE INVOLVED . . .

Writing to the Prime Minister is only the first step of many to help save the South East Forests. You can also... get more information; visit your local member and put across your views on the forests; write a letter to the editor of your newspaper; raise the issue of the forests on talk-back radio; help on a stall to give out information and encourage others to write letters; join in non-violent direct action to draw public attention to the forest's plight; copy this and pass it on.

### SOUTH EAST FOREST ALLIANCE

For more information, or to make a donation or offer your help, contact any of these environmental organizations...

#### THE WILDERNESS SOCIETY

(02) 267-7929 (03) 670-5229

#### AUST CONSERVATION

FOUNDATION (02) 247 4285

#### TOTAL ENVIRONMENT CENTRE

(02) 241 2523

#### CONSERVATION COUNCIL OF THE S.E. REGION & CANBERRA

(06) 257 6646

#### SOUTH EAST CONSERVATION WORKING GROUP

(064) 92 3134

#### EAST GIPPSLAND COALITION

(03) 650 8011

**L**and degradation and misuse of resources, chemical pollution, half-hearted recycling and waste management, global warming and the decaying ozone layer....

The 21st century's environmental problems present us with a great challenge - to turn from the excesses of human development to ecological sustainability. At the heart of this challenge is preservation of the earth's last wild places.

Australia's eucalypts have taken forty million years to evolve. Our ancient 'oldgrowth' gum forests were here long before European settlement. They hold a unique place in the inventory of the earth's living heritage, home to Australia's great diversity of plants and animals, wild and scenic rivers and rich Aboriginal tradition.

Since 1788, half of Australia's native forests have been destroyed. Forest now covers only 5% of the continent. More than 100 plant and animal species have been lost, giving Australia the highest recorded extinction rate of any continent on the planet. More than 500 species are threatened. Despite this tragic history, only 13% of remaining native forests are protected in reserves like National Parks. The Cook-Causley Report is due to be released on June 30, 1990. This is a study of NSW and Federal Government plans for logging and woodchipping in the South East Forests.

Thousands of Australians hope the report will resolve conflicts over the region's future by recommending the protection of precious areas of oldgrowth native forest. Sadly, the result could be very different. Of the six scientists on the



1990

## FACTS ABOUT FORESTS



◆ Only 6% of Eden's forests are protected as National Park. Five of the region's ten land systems are inadequately represented in reserves.

◆ 17 species of endangered animals

and birds survive in the South East Forests, including Australia's rarest mammal, the long-footed potoroo, koala, owls and marsupial gliders whose homes are only found in old, mature forests.

◆ Since woodchipping began at Eden in 1969, more than 100,000 hectares of oldgrowth forests have been destroyed. A similar area - including the Tantawangalo, Coolangubra and Yowaka National Estate areas - still remains under threat.

◆ Forests conceded to Daishowa for woodchips extend more than 300km from Eden to Ulladulla, Canberra and Orbost (Vic).

◆ Since 1969, the timber logged from Australia's native forests each year has increased by 46%. Four states export more than 5 million tonnes of woodchips every year. Exporting 1 million tonnes alone, Eden is our biggest mill.

◆ Since 1969, new technology has reduced the number of people employed in the Australian logging industry by 24%. The Eden woodchip mill employs 134 people...

*"Gum trees are an integral part of Australia's persona. When we think of the Australian bush, whether it be as a place for a picnic or a haven for koalas, it is the eucalypts which are the fabric of our thoughts."*

- Bob Brown, Tasmanian Member of Parliament.

## PITJANTJATJARA TOURS



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ALICE SPRINGS  
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FAX (089) 52 6371

# GREEN BLOOD

.....  
*activists in danger*



The 'Green' Revolution is currently sweeping the globe. As it gains momentum pressure to stifle this 'peoples' movement will intensify. As public consciousness is informed of the treachery and violence of unjust and corrupt governments and their corporate minders, more aggression will be directed at 'greenies'. Researcher ANDREW GARTON takes us on a historical tour through some of the most disturbing recent events.

**IN SPITE** of increased bloodletting, non-violent resistance continues to be a fundamental practice in protest actions. Several significant acts of terrorism against non-violent activists worldwide have alarmed, and yet strengthened both groups and individuals in the movement. Although 1000's died in peaceful actions turned bloody during the industrial revolution - *let us not forget...*

**NEW ZEALAND - 10 July, 1985**  
Two high explosive devices sink the Greenpeace flagship Rainbow Warrior. One crewman drowned. Despite massive media coverage the French government, who perpetrated this act of state terrorism against Greenpeace, are yet to be dealt with adequately. Those found guilty of planting the explosives walk free on French soil, against all agreements made between French and New Zealand government's.

**AMAZON RIVER - 28 March 1988**  
Timber merchants shoot & kill 12 Ticuana indians, some of them children. A further 23-27, including women and children, were seriously wounded in a non-violent protest against the logging endangering their tribal lands.

**BRAZIL - December 22 1988**  
Trade Union Leader & ecologist, Chico Mendes is murdered. He was the first activist to point out the struggle to preserve the Amazon forests and the necessities of its inhabitants: the survival of the "seringueiros" and "ribeirinhos" indians (riverains people). Mendes formed a movement called "Alliance of the Forest's Peoples". His actions disturbed the powerful land owners, threatening farming and cattle projects, causing deforestation and exploitation of

workers. Those responsible for the murder are still to be brought to justice.

**LITHUANIA - 22 April 1990**  
Dr Zigmias Vaisvila, head of the Lithuanian Green Party, is severely beaten by Soviet soldiers. With closed head wounds and in shock, he is immediately hospitalized. Little more is known of this incident. Vaisvila is still under medical care for his wounds.

**ARIZONA, USA - 7 May 1990**  
At a public hearing on a proposed "hazardous" waste incineration project 65 sheriff deputies, a SWAT team, a canine police squad, air support and police units attack the 400 to 500 strong meeting. Climbing over chairs, bashing and using STUN GUNS, arrested 18 people. Two Greenpeace members were repeatedly attacked with police stun guns and both were charged with 'resisting arrest'. Police stated they were 'stunned' for their own protection. Little public outcry is heard as the media have resisted all attempts to bring this to public notice. All 18 people were released within 24 hours after even more violence.

**CALIFORNIA, USA - 24 May 1990**  
In the latest attack against "greens" Judi Barri & Darryl Cherney, prominent members of Earth First! were taken to hospital after a nail-spiked pipe-bomb exploded in their car. Barri, suffering a fractured pelvis, and Cherney, with

scratched cornea and facial abrasions, were arrested for "possession and transportation of explosives", regardless of evidence stating otherwise. Despite being committed to non-violent action, both had received over 25 death threats in the two months prior to the incident.

Greenpeace has funded a private investigator to delve deeper into the case and publicly supported the victims stating, "in the light of frequent reports of death threats against Earth First! members, including Judi Bari, the most seriously injured victim in yesterday's bombing, it is unconscionable that law enforcement officials have apparently declined to investigate any potential suspects, but have instead arrested the victims of a serious crime."

The two were going to Santa Cruz to get recruits for a summer protest when the blast occurred. They had been organizing students nation-wide to for, what Earth First! calls, a non-violent "Redwood Summer," to block logging trucks and picket timber operations in Northern California's forests, for June 1, 1990.

As recognized by Ghandi and many others since, the proper response to violence is to increase non-violent resistance. Earth First! is widely known for its selection of appropriate targets, and for their demonstration methods to highlight the opposition's absurdity, however powerful they may be. Guerrilla theatre, merry pranks, and costumes allow them to make serious points, whilst underscoring their connection with Earth and her living inhabitants.

We must be careful, in these volatile times to avoid any violent response to opposition. Violence on our part will be turned against us, widely publicised and used to split or disempower the green movement. We must also ensure we live responsibly, as a prerequisite for action. Those who can, must simplify lifestyles, to lessen the control of the materialistic paradigm, and increase our ability to take action unfettered by material things. **M**

DOC SARVIS, of Earth First!, stated... *The eco-warrior does not fight people, he fights the Institution, the planetary Empire of Growth & Greed. He fights not human beings but a monstrous mega-machine never seen since the days of the Late Jurassic and the carnivorous dinosaurs. He does not fight humans... he fights a runaway technology, an all-devouring entity that feeds on minerals, metals, rocks, soil, on the earth itself, on the bedrock basis of universal being!*





LAUNCHING

# EARTH REPAIR ACTION



Clear skies, blue oceans, clean rivers, tall trees, lush rainforests, healthy people, abundant wildlife, are *not yet* things of the past - but **MUST** be kept part of the future. In 1988 an Australian Earth Repair Action (ERA) Decade was proclaimed by the United Nations Association of Australia. The initiators of this project, the Earth Repair Foundation, with the UNAA Environment Program, are now campaigning for the United Nations General Assembly to declare this a *world-wide EARTH REPAIR ACTION DECADE*.

*JANINE GRANT investigates this innovative approach to repairing our environment.*



*... "and they shall beat their swords into ploughshares and their spears into pruning hooks; nation shall not lift up sword against nation, neither shall they learn war anymore". - Isaiah 2:4 RSV*

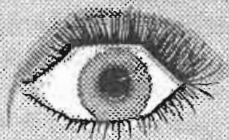
**I**n June 1990, for World Environment Week, thousands of people marched through the centre of Sydney declaring an urgent need for action on all environmental fronts. Leading banners... *'90's The Decade of Earth Repair Action'* and *'One Planet, One People, One Chance'* bespoke a strong and united commitment in this important endeavour!

The Rally also publicly launched a people's campaign for the UN General Assembly to endorse the

First International Earth Repair Year (FIERY) to begin a world-wide Earth Repair Action (ERA) Decade. Amongst many other proposals given within its ideals, the Earth Repair Action Decade initiative urges governments of all nations to annually convert 10% of military budgets, personnel and resources to support cleaning up and future prevention of environmental degradation. This program includes community education, reforestation and research into safer alternatives.



# Rosaleen Norton's



## VISIONS



Continuing our interview with Veritas, close friend of the late Rosaleen Norton, popularly known as the Witch of Kings Cross

**What did Roie predict for the 90's?**

**Veritas:** Just before she died in 1979 Roie said she was glad she wasn't going to be around from 1989 onwards. Roie said that "once the lines," (the song-lines or ley-lines) "start to split, ancient entities will begin to appear." She was referring to the Aboriginal entities inhabiting this continent. The first signs of this, she said, would be earthquakes in Australia and around the globe. She said the problem was that we have "transplanted the European mind into infertile ground." In other words, it's an overlay on the indigenous Aboriginal mind. This is exemplified in the translated motto of Sydney University... *"the same mind under a different sky"*.

Roie pointed out that, in terms of European religious philosophy, they had no conception of what they had actually done. She said "they have tried to 'physicalise' the Christ myth, infusing it into philosophy & later science." This makes the strongest images from that myth physically manifest. The simplest examples are the theory of transubstantiation as practiced by all Christendom and the Armageddon theory, which can lead us to catastrophe; all because the teachings of one man were misunderstood and misinterpreted!

Obviously the priest caste of the time wanted the Revelation myth there and went out of their way to make sure that eventually it would physically come about through reinforced indoctrination. Roie accepted true Christianity as one of the facets of the multi-dimensional realities we live in. Not the teachings of established Christendom but the brilliant simplicity of the man that *became* the 'Cosmic Christ'.

**Nexus: What was it like to be a psychic working in Roie's day?**

**Veritas:** Roie had a holographic mind; she perceived everything on every level. She had to be very careful in those days because the 'rat factory' ['psychiatric hospital'] was quite literally just around the corner and it was very easy to get 'binned'. In fact Gavin, one of Roie's closest disciples, who is now dead, was 'binned' several times by the establishment; not because they wanted to manipulate him, but to make him an example to others who would do the same thing. They didn't have the guts to attack Roie because they knew she had the power, so they stayed away from her. Those around her did cop considerable flak. Unlike most of the people who followed her, Roie was on the ball. The majority of people who followed her didn't have talent but had great egos.

Most of what was done was on the lower astral planes from about the middle 1960's to about the time Whitlam fell. People thought it was very clever but of course it's not; if you read the books and do the exercises, anyone can do it. So what? The egos of these people were so inflated, with only half-baked talents. In comparison, Roie had enormous talent and there were a minority of people, myself and about seven others, who had a bit of talent; not a great deal in comparison to what I know about.

Most people insist they have talent because they can learn astrology, I Ching, Tarot, or the pebble system of Japan mechanically or any one of hundreds of different systems of divination which you can find out about by reading books. All this is mechanical divination and has nothing to do with psychic ability.

Finding out which company will succeed on the stock market is just lower astral 'black magic', for want of a better term - just elementary practice, merely functional. Mechanical divination is just crust on the occult pie.

The real occult function is the journey within and then the journey without. But the journey within takes such a lot of trouble that most people can't be bothered doing it. They prefer to externalise what they think, what they believe, what they are, what their family was. Most people get a bellicose thing, an unsettled stomach, it's just too much.

The real occult takes devotion, the giving up of whatever occupation one has; as Leary said, "Turn on, tune in, drop out". This is basically true and if you have enough people to support you while you do, good luck! Most people don't have that structure. Roie pointed out years ago that it is always a minority because only a minority of people are willing to go through the hassle to actually get there.

Many people in Oz have studied the psychic sciences. Roie felt that by the 1990s hundreds of thousands of people would be dabbling, but that's all they'd be doing. I've read thousands of books and consider it insufficient; people who've read less put up signs about how psychic they are and want to be made into princes overnight.

**Nexus: So you see this all as mainly 'lower chakra' work?**

**Veritas:** The base chakra is the root of it all. We are in the middle of material chaos, Kali Yuga. You must understand matter is not what we think it is and beyond that we get into Cabbalah and the true essence of what Rosicrucians and various other people discovered.



Roie wasn't biased regarding the particular tradition you worked with. It could be Hinduism, Buddhism, Judaism; any of these traditions are valid, provided you work through the basic structure of that system. You can mix systems, but the ability to work the system you were brought up in is the first goal you have to achieve before you can enter other territory. Roie and myself had done the Cabbalah first, which is the most important thing. It is a challenge, but we found it had to be done before anything else. If it is done seriously you get good results, if done badly you get what you put into it, bad results. The Cabbalah is an initial, basic pattern because the Tree of Life is where we come from - we come from the planetary spheres on the Tree and remain in this sphere and we have to work it out in that way. Most people just have a go at everything and just come up with a great pot-pourri which doesn't actually smell that sweet, it has an acrid odour.

By that I don't mean truth should be kept in orthodox traditional frameworks, because truth is universal. One or two people in England and elsewhere made the Tree of Life a universal diagram and used at least eight major systems within that framework, 'given out' by the Tree. **The Tree of Life is something that works regardless of having a Semitic framework or not. It's totally universal.** Roie concluded that it must have come from a supernatural force. Nexus: What did she mean by 'supernatural force'?

Veritas: I think she was talking about what I call the universal design of creation. You can use other words to describe it. Certainly there is a 'universal mind' at work behind all matter. All systems cover it, it's just a matter of language. We have been blinded by money; it has become a time bomb. We have no recourse because the blind can't see and in the kingdom of the blind the one-eyed man is king. In other words, there is a potential for all kinds of monsters to come out of the dark and manifest as a threat, nuclear or otherwise.

Nexus: What do you think would redress the situation?

Veritas: Only self awareness. Get the individual to become aware of themselves, their environment, of things around them. Only self awareness will save us. There is no patriarchal or matriarchal figure that will fulfil the role of 'saviour'.

**We cannot and must not transplant the worst aspects of Europe in Australia. It won't work, as Roie said.**



**"Roie pointed out that the country was being run by a herd of wild animals, each wanting their own way but not being able to get it... big men with small minds."**

There are people who are trying to transplant the worst, most superstitious aspects of their culture here, rather than the best attributes.

Many people, particularly those raised in white frameworks, are very one-eyed about their frame of reference and unfortunately tend to be bigoted.

In the early Cabbalah you could see both sides. Roie said that the alphabet was the key to it - and the tarot - 22 rays of light, supreme source, as she sometimes put it.

The alphabet makes much clear. One must understand both astrology and astronomy and get a grounding in all these sciences.

There are parts of these practices that are totally transcendental in every sense of the word, but it must be looked at carefully. **Not through the newspaper idea of what these traditions are about, or what they'd have us believe.**

Anti-Cabbalistic rumours have been spread for hundreds of years and that its end result is evil - *absolute rubbish* to anyone who has looked at the Tree. Except most people do not want to look at the Tree of Life because they see themselves mirrored in every sphere of the Tree, in every interaction of the ten sephira and the "Twenty Two Paths".

One gets to know one's self quite objectively without the ego. **You've got to get beyond ego. Australia is facing the great problem of the egos of those who run the country.** Roie pointed out that the country was being run by a herd of wild animals, each wanting their own way but not being able to get it - big men with small minds. By small minds I mean those dreadful bullocks who have hogged the headlines for twenty years, along with their political brethren.

Roie placed emphasis on how they collectively represented a *horde*, as Freud called it, a horde mentality... the worst possible mentality that could be encouraged in people; everyone out for themselves. That's just selfish, and we are being lost in material chaos, distracted from our source and the reasons we are here.

This binds us back to the reinforcement of the '**prison planet**' concept. By that I mean that the original and real 'master race' fell and were captured on a prison planet, bound by arcane laws. If we don't get over the materialism we'll be bound spiritually as well. By materialism, I mean both Communism and Capitalism, sides of the same coin - a bunch of old, bigoted men governing bodies when they should actually retire from them; in law and banking as well. **N**



**M**any positive results can come from mind-altering techniques based on human potential, hypnosis or subliminal awareness; as witnessed by some services or products advertised in Nexus. These can lead to understanding how your mind imprints reality, and prepare you to deal with more widespread but much less ethical uses of such techniques...

**A**lthough I've been interviewed on this subject by many radio and TV talk shows, large-scale mass communication of these facts appears to be blocked, since it could result in suspicion or investigation of the very media presenting it or the sponsors that support the media. Some government agencies don't want this known; nor do the Born-Again Christian movements, some cults or human-potential trainings want this to become common knowledge.

Everything I will relate here only exposes the surface of the problem. I don't know how the misuse of these techniques can be stopped. I don't think it's possible to legislate against that which often cannot be detected, and if those who legislate are using these techniques, there is little hope of effecting laws to govern usage. However, I do know that the first step to initiate change is to generate interest. In this case, that will probably only result from an underground effort.

In talking about this subject, I'm talking about my own business. I know it, and I know how effective it can be. I produce hypnosis and subliminal tapes and, in some of my seminars, I use conversion tactics to assist participants to become independent and self-sufficient. But, any time I use these techniques, I point out that I am using them, and those attending have a choice to participate or not. They also know what the desired result of participation will be. So, to begin, I want to state the most basic of all facts about brainwashing... in the entire history of humanity, no one has ever been brainwashed and realised, or believed, that they had been brainwashed. Those people who have been brainwashed will usually passionately defend their manipulators, claiming they have simply been "shown the light" or have been transformed in miraculous ways.



# The Battle For Your MIND

Dick Sutphen explores, or rather exposes, persuasion and brainwashing techniques...

From a talk delivered at the World's Congress of Professional Hypnotists Convention, Las Vegas, Nevada USA

## THE BIRTH OF CONVERSION

**Conversion** is a 'nice' word for brain washing, and any study of brainwashing has to begin with a study of Christian revivalism in 18th century America. **Jonathan Edwards** apparently discovered the techniques by accident during a religious crusade in 1735 in Northampton, Massachusetts.

By inducing guilt, acute apprehension and by increasing tension, the 'sinners' attending his revival meetings would break down and completely submit. Technically, what he did was create conditions that wipe the brain/mind slate clean to accept new programming. The problem was that the new input was negative. He'd tell them, "You're a sinner - destined for hell!"

As a result, one person committed suicide, another attempted suicide, and the neighbours of the suicidal converts related that they, too, were affected so

deeply that, although they had found 'eternal salvation', they were obsessed with a diabolical temptation to end their own lives.

Once a preacher, cult leader, manipulator or authority figure creates the brain phase to wipe the brain-slate clean, their subjects are wide open. New input, in the form of suggestion, can be substituted for their previous ideas. Because Edwards didn't turn his message positive until the end of the revival, many accepted the negative suggestions and acted, or desired to act, upon them.

**Charles J. Finney** was another Christian revivalist who used the same techniques 4 years later in mass religious conversions in New York. These techniques are still used today by Christian revivalists, some human-potential trainings, business rallies and US Armed Services, to name a few.

Let me point out that I don't think most revivalist teachers realise or know they are using brainwashing techniques. Edwards simply stumbled upon a technique that really worked, and others copied it and have continued to copy it for over 200 years. And the more sophisticated our knowledge and technology become, the more effective the conversion.

I feel strongly that this is one of the major reasons for the increasing rise in Christian fundamentalism, especially the televised variety, while most of the orthodox religions are declining.

### THE 3 BRAIN PHASES

The Christians may have been first to successfully formulate brainwashing, but we have to look to Pavlov, the Russian scientist for a technical explanation. ...continued over >>>



**In** the early 1900s, Pavlov's work with animals opened the door to further investigations with humans. After the revolution in Russia, Lenin was quick to see the potential of applying Pavlov's research to his own ends.

Three distinct and progressive states of transmarginal inhibition were identified by Pavlov. The first is the **EQUIVALENT** phase, in which the brain gives the same response to both strong and weak stimuli. The second is the **PARADOXICAL** phase, in which the brain responds more actively to weak stimuli than to strong. The third is the **ULTRA-PARADOXICAL** phase, where conditioned responses and behaviour patterns turn from positive to negative or from negative to positive.

With the progression through each phase, the degree of conversion becomes more effective and complete. Conversion methods are many and varied. The usual first step in religious or political brainwashing is to work on the emotions of an individual or group until they reach an abnormal level of anger, fear, excitement or nervous tension. The progressive result of this mental condition is to impair judgement and increase suggestibility. The more this condition can be maintained or intensified, the more it compounds. Once catharsis, (first brain phase), is reached, the complete mental takeover is easier, as existing mental programming can be replaced with new patterns of thinking and behaviour.

Other physiological weapons to modify normal brain functions are fasting, high sugar diets, physical discomforts, regulation of breathing, mantra chanting in meditation, the disclosure of awesome mysteries, special light/sound effects, programmed response to incense, or intoxicating drugs. The same results can be obtained in contemporary psychiatric treatment by electric shock treatments or purposely lowering a person's blood sugar level with insulin injections. Hypnosis and conversion tactics are two distinctly different things, and conversion techniques are by far the most powerful. However, the two are often mixed, with even more powerful results.

### HOW REVIVALIST PREACHERS WORK

**If** you'd like to see a revivalist preacher at work, there are probably several nearby. Go to the church early and sit in the rear, about three-quarters of the way back. Repetitive music is probably played while people enter for the service. A repetitive beat, ideally ranging from 45 to 72 beats per minute (a rhythm close to the human heartbeat), is very hypnotic and can generate an eyes-open altered state of consciousness in many people. Once you are in an **alpha state**, you are at least 25 times more suggestible than in full 'normal' beta consciousness. The music is probably the same every service, or incorporates the same beat, and many people will go into an altered state almost immediately upon entering the sanctuary. Subconsciously, they recall their state of mind from previous services and respond to the post-hypnotic programming.

Watch the people waiting for the service to begin. Many will exhibit external signs of trance - body relaxation and slightly dilated eyes. Often, they begin swaying back and forth with their hands in the air while sitting in their chairs. Next, the assistant pastor will probably come out, usually speaking with a pretty good 'voice roll'.

### THE VOICE ROLL TECHNIQUE

**A** 'voice roll' is a patterned, paced style used by hypnotists when inducing a trance. It is also used by many lawyers, several of whom are highly trained hypnotists, when they desire to entrench a point firmly in the minds of jurors. A voice roll can sound as if the speaker were talking to the beat of a metronome or it may sound as though he were emphasising every word in a monotonous, patterned style. The words will usually be delivered at the rate of 45 to 60 beats per minute, maximising the hypnotic effect.

Now the assistant pastor begins the 'build up' process. He induces an altered state of consciousness and/or begins to generate the excitement and the expectations of the audience. Next, a group of young women in 'sweet and pure' chiffon dresses might come out to sing a song. Gospel songs are great for building excitement and involvement. In the middle of the song, one of the girls might be "smitten by the spirit" and fall down or react as if possessed by the Holy Spirit. This very effectively increases the intensity in the room. At this point, hypnosis and conversion tactics are mixed, resulting in the audience's attention span being totally focused on the speaker while the environment becomes more exciting or tense.

Right about this time, when an eyes-open mass-induced alpha mental state has been achieved, they will usually pass the collection plate or basket. In the background, a 45-beat-per-minute voice roll from the assistant preacher might exhort, "Give to God... Give to God... Give to God..." And the audience does give; God may not get the money, but her already wealthy representative surely will.

Next, the fire-and-brimstone preacher will come out, inducing fear and tension by talking about "the devil", "going to hell", or "Armageddon". In the last such rally I attended, the preacher talked about the blood that would soon be running out of every faucet in the land. He was also obsessed with a "bloody axe of God", which everyone had seen hanging over the pulpit the previous week. I have no doubt that everyone saw it - the power of suggestion given to hundreds of people in hypnosis ensures that at least 10-25% would see whatever he suggested them to see.

In most revivalist gatherings, "testifying" or "witnessing" usually follows the fear-based sermon. People from the audience come up on stage and relate their stories: "I was crippled and now I can walk!", "I had arthritis and now it's gone!"... a psychological manipulation that works very well. After listening to numerous case histories of miraculous healings, the average person in the audience with a minor problem is sure they can be healed. The room is charged with fear, guilt, intense excitement and expectations.

Now those who want to be healed are frequently lined up around the edge of the room, or they are told to come down to the front. The teacher might touch them on the head firmly and scream, "Be healed!" This releases the psychic energy and, for many, catharsis results. Catharsis is a purging of repressed emotions. Individuals might cry, fall down or even go into spasms. And if catharsis is effected, they stand a chance of being healed. In catharsis (one of the three brain states mentioned earlier), the brain-slate is temporarily wiped clean and the new suggestion is accepted.

For some, healing may be permanent. For many, it will last 4 days to a week, which is how long a hypnotic suggestion given to a somnambulistic subject will usually last. Even if the healing doesn't last, if they come back every week, the power of suggestion may continually override the problem; or sometimes, sadly, it can mask a physical problem which could prove to be very detrimental to the individual in the long run.

**I'm not saying legitimate healings don't take place.** They do. Maybe an individual is ready to let go of negativity at the problem's root-cause, maybe it's God's work. Yet I contend it can be explained by brain/mind function knowledge. Techniques & staging vary from church to church. Many use 'speaking in tongues' to generate catharsis in some while the spectacle creates intense excitement in observers.

The use of hypnotic techniques by religions is quite sophisticated, and professionals are ensuring that they become even more effective. A man in Los Angeles is designing, building and reworking a lot of churches in USA. He tells ministers what they need and how to use it. This man's track record indicates that the congregation and financial income will double if his instructions are followed. He admits that about 80% of his efforts are in the sound system and lighting.

Powerful sound and the proper use of lighting are of primary importance in inducing an altered state of consciousness. I've used them for years in my own seminars; however, my participants are fully aware of the process and what to expect as a result of their participation.

## SIX CONVERSION TECHNIQUES

**Cults** and human potential organizations are always looking for new converts. To attain them, they must also create a brain-phrase. They often need to do it within a short space of time—a weekend, or maybe even a day.

**Number One...** The meeting or training is in an area where participants are cut off from the outside world. This may be any place: a private home, a remote or rural setting, or even an hotel ballroom, where the participants are allowed only limited bathroom usage. In some human-potential trainings, the controllers will give a lengthy talk about the importance of "keeping agreements" in life. The participants are told that if they don't keep agreements, their life will never work. It's a good idea to keep agreements, but some controllers are subverting a positive human value for selfish purposes. The participants vow to themselves and their trainer that they will keep their agreements. Anyone who does not will be intimidated into agreement or forced to leave.

The next step is to agree to complete the training, thus assuring a high percentage of conversions for the organisation. They will usually have to agree not to take drugs, smoke, and sometimes not to eat, or they're given such short meals that it creates tension. The real reason for the agreements is to alter internal chemistry, which generates anxiety and hopefully causes at least a slight malfunction of the nervous system, which in turn increases the conversion potential.

Before the gathering is complete, the agreements will be used to ensure that the new converts go out and find new participants. They are intimidated into agreeing to do so before they leave. Since the importance of keeping agreements is so

high on their priority list, the converts will twist the arms of everyone they know, attempting to talk them into attending a free introductory session at a future date. New converts are zealots. In fact, the term for merchandising the largest, most successful human-potential training is, "sell it by zealot!" At last a million people are graduates and most have been left with a mental activation button that assures their future loyalty and assistance if the guru figure or organisation calls. Think about the potential political implications of hundreds of thousands of zealots programmed to campaign for their guru.

Be wary of an organization offering follow-up sessions after the seminar, weekly meetings or inexpensive seminars given on a regular basis. The group will attempt to talk you into taking these or any regularly scheduled event to maintain their control. As the early Christian revivalists found, long-term control is dependent on a good follow-up system.

**The second tipoff** to indicate conversion tactics is a maintained schedule that causes physical and mental fatigue. This is primarily accomplished by long hours where participants have no opportunity for relaxation or reflection.

**The third tipoff...** techniques are used to increase the tension in the room or environment.

**The fourth is...** uncertainty. I could spend hours relating various techniques to increase tension and generate uncertainty. Basically, the participants are concerned about being 'put on the spot' or encountered by the trainers, guilt feelings are played upon, participants are tempted to verbally relate their innermost secrets to the other participants or forced to take part in activities that emphasise removing their masks.

One of the most successful human-potential seminars forces the participants to stand on a stage in front of the entire audience while being verbally attacked by the trainers. A public opinion poll conducted a few years ago showed that the most fearful situation an individual could encounter is to speak to an audience. It ranked above window washing outside the 85th floor of an office building. So you can imagine the fear and tension this situation generates within the participants. Many faint, but most cope with the stress by mentally going away. They literally go into an alpha state, which automatically makes them many times as suggestible than they normally are. Another loop of the downward spiral into conversion is successfully effected.

**The fifth clue...** that conversion tactics are being used is the introduction of jargon; new terms only relevant to 'insiders'. Various language is also frequently used, purposely, to make individuals uncomfortable.

**The final tipoff...** is that there is no humour in the communications, at least until the participants are converted. Then, merry-making and humour are highly desirable as symbols of the new joy participants have supposedly found.

*I am not saying good does not result from participation in such gatherings. It can and does. But I contend it is important to know what has happened and to be aware that continual involvement may NOT be in their best interest.*

- by Dick Sutphen

**To Be Continued**



# PERMACULTURE UPDATE

## PERMACULTURE MAKES AN IMPACT

Since the ABC documentary "Visionaries", in which Bill Mollison espoused the virtues of Permaculture, the feedback from all corners of Australia has been overwhelmingly positive. The amount of general enquiries, course enrolments and Journal subscriptions are very encouraging. It only goes to show that when people are aware that positive changes can be made they are only too willing to make those changes. Bill is presently overseas filming another nutritious documentary.

A series of 'How To' videos are on the way! The first one, 'Making Mandala Gardens' by Robyn Francis, is due later this year... Also, Robyn's songs are recorded and due out soon.

The impact of Permaculture, especially in Third World countries, has encouraged many governmental bodies to come to the fore. In November, a National Permaculture Conference will be held in India, where Government representatives will be discussing strategies for a more sustainable future. This should be an informative forerunner to the International P/c conference to be held there in February 1991.

## HOPE - Householders Options to Protect the Environment

On World Environment Day 1989, in Mansfield, a small town in Victoria, a workshop was held with the theme "environmental education in the home". Due to its popularity, further workshops were called for and it wasn't long before local media became alerted. Since then enquiries for starting similar campaigns have come from individuals and groups state-wide. Some of the things HOPE has been successful in reducing are: domestic energy needs, cleaning products, food and cosmetic packaging, plastics, garden sprays, transportation (one of the most wasteful energy users). Now people are asking, "Do I really need it?" If you don't really need it and would like to know more about eco-domestic management, contact:-

Janet Mackenzie - RMB 1596 Mansfield Vic 3722  
Ph: (057) 75 2988

## EARTH WORKS GROUP UPDATE

Sydney Park "City Farm" at St Peters is a virtually treeless 40ha area in dire need of repair. Earth Works Group Inc. has lobbied South Sydney Council over the past nine months to gain access to a certain part of the park which won't interfere with passive recreational areas. The land required is less than 3ha. This venture is not just a fly-by-night ideal! It is fast becoming a reality thanks to the support of over 100 members and many generous donations but...

**Earth Works Group does need YOUR support.**

All members are encouraged to participate in every way i.e. design process; assistance and equipment for the office; lobbying council, media liaison, construction of compost bins, tree supplies etc. For membership/info phone (02) 698 5168, or come to a meeting:- 3rd Sat. every month. 2pm.

PO Box 421, Enmore NSW 2042



## PERMACULTURE COURSES

Now available (or soon to be) at a centre near you...

### Permaculture Design Certificate Course

Next course in October - Permaculture Institute Curriculum  
An intensive 72 hour course including excursions...

**Note:** Special student's packages are planned for the future.

### Introduction to Permaculture

A popular course which leads to the Designer's Course.

**Small Farm Course** - For info phone (02) 807 4690.

### 8 Week Designer's Course

Held soon at Windsor/Richmond Day and Evening College.

Contact the college for further information. Ph. (045) 88 5466

**Some other Colleges** holding courses periodically are:

Strathfield D and E, Ryde TAFE, Katoomba Day and Evening.

### Short Courses and Workshops

- ◆ Square-Foot Gardening ◆ The Urban Homestead
- ◆ Urban Design ◆ Design For Small Farms
- ◆ "Hands-on" Experiential Weekend Workshops

## THE INTERNATIONAL PERMACULTURE JOURNAL

(IPJ) is now produced at the Lismore EpiCentre. For info on back issues, membership/subs: send stamped self addressed envelope (with \$2 for handling) to:- **Permaculture International Ltd.** PO Box 185, Lismore HEIGHTS, 2480. Ph (066) 22 0020.

**\$7 Info Package from Permaculture Sydney** - Contains the latest IPJ, plus various information leaflets. If you only require basic information, send a stamped self addressed envelope (with \$2 for handling) to:- **Permaculture International Ltd.**

EpiCentre 113 Enmore Rd, Enmore 2042. Ph. (02) 51 2175.

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# PSYCHOTRONIC TECHNOLOGIES

## Building a BINAURAL SIGNAL GENERATOR! by Peter Nielsen - Parascience Technologies

There has been a proliferation of Mind Machines recently... These amazing devices typically emit pulsating light n' sound to condition the brain into an altered state of awareness. By simply turning a knob, neurological patterns associated with various subjective abilities can be triggered and prolonged indefinitely. Random influences are excluded. *Either you like the idea, or you don't!*

## HEARING AIDS .....

Frankly, I've grown complacent about flashing goggles... seductive as they are. Also, in my opinion, they have two minor drawbacks; firstly, a kind of harshness that doesn't fully address the brain's own synergetic faculty. Secondly... usually, a lack of provision for setting precise frequencies. You never know exactly where you are, and some psycho-active "windows" are definable to within 1/100th of a cycle per second. Still, they are a valid starting point.

This project is more organic in feeling. Its effect relies on our natural ability to synthesize a third sound, or "beat frequency", from two external ones. When differing sounds are admitted to each ear, the brain hemispheres conjoin to improvise an internal sensation of noise from the summed waveform interactions. The complimentary left and right brain functions of assertion and receptivity, harmonize in a burst of mutually augmentative perception. This event, also attainable through learned biological resonance, is the doorway to supra-sensory cognition. The resulting holographic sound image imposes directionality, texture and space upon our sense of hearing. In other words, a more real "reality".

When deprived of this form of sensory orientation, such as in a float tank or prolonged spiritual retreat, the isolated mind will cleverly REVERSE this process to project its own "hallucinatory" world from latent impressions. The more common manifestation is dreams during sleep. If consciously invoked, this ordinarily repressed faculty is the key to ESP, past life recall, clairaudience... and the all-pervading cosmic intelligence... the calculated somersault through Alice's

looking glass. Outer AND inner realms are thereby accessible as objective, yet non-self-existent, modes of inter-dependency.

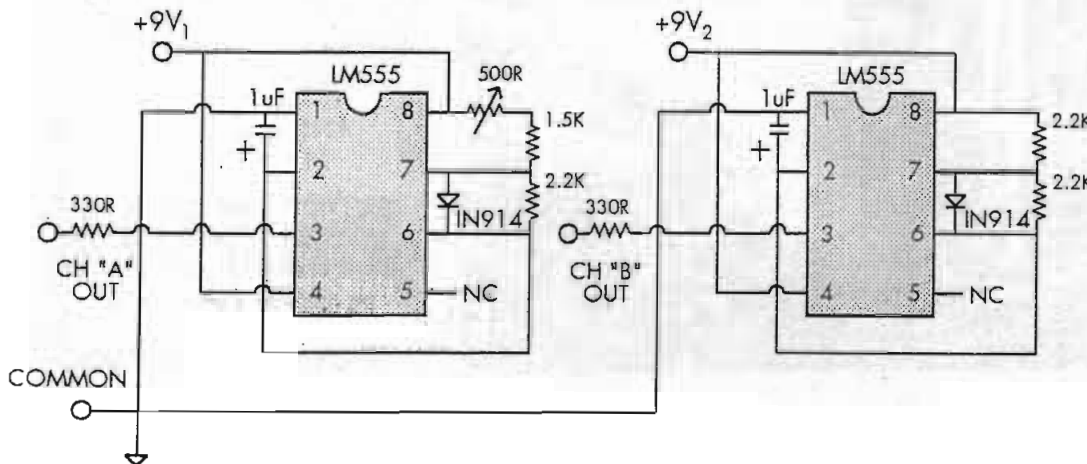
Try this experiment... with your eyes closed, try to focus on where the sounds converging from either side of you merge within. It's a very nice space that meditators will recognise.

I find the sensation like a subtle curtain of undulating pressure within the head... an ideal mechanism for brain-wave capture, once widely used in religious chanting and architectural acoustics. It's a standing wave of information-carrying energy that can, in terms of its inferred attributes, subliminally affect your health and emotional involvement. This is how a stereo system recreates the 'presence' of the band. Inversely, it is also the anatomical reference point in the composer from which the music first arose as symbols.

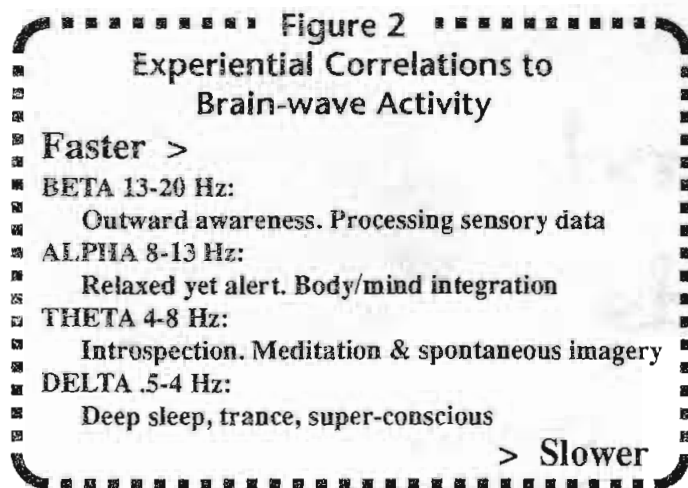
## BI-CYCLES .....

Back in the lab, we can demonstrate one aspect of this unifying principle with two simple audio oscillators, each feeding into one side of a pair of headphones. By ensuring that the two originating signals can be made to differ by a selectable rate between 3-25 cycles per second (Hz), the mind can be correspondingly stimulated to synthesize its own beta, alpha, theta or delta rhythms..the bi-directional carrier waves of both our level of creativity and perception. See Figure. 2 on the next page for some experiential derivatives of this induced ELF (extreme low frequency) component.

This device is called a "Binaural Frequency Generator", and has been popularized by Dr Monroe in his famous lucid



**Figure 1  
Binaural  
Frequency  
Generator**




dreaming experiments. His technique, termed "*hemi-sync*", is based on a sequential introduction of psycho-active beat frequencies to keep self-cognisant areas of the brain active during transition to sleep. Through enhanced awareness, the subject sustains waking volition over his mental content, while simultaneously immersed in it as a tangible reality.... *a technological dream yoga*. A professional version sells for \$500, you can make the preliminary circuit shown here work for **under \$15**. Once designed, it took only 15 minutes to construct.

**A note for the beginner:** Not knowing a little about electronics today, is like a caveman not knowing about fire. Can't solder? Ride your dinosaur over to an electronic hobby store and get a solderless project board, set of clip leads, and the remaining bits specific to this particular gadget. Take the diagram (Figure 1.) and ask questions if necessary.

**Technical interlude:** This pre-tested circuit is intended to demonstrate the above effect using the easiest approach. The LM555's must be run from two batteries, and at 50% duty cycle exactly as shown. For optimal tuning range, the 1.5k resistor may need to be trimmed with a series resistance. To produce a clearer beat, detune the inherently more stale sine outputs of two XR2206 IC's. These may even be adjusted ABOVE or BELOW the threshold of human hearing, so that the originating tones remain unheard... spooky implications.

When you remove the headphones after a few minutes at most settings, something remarkable will occur in reference to the sounds around you... but I won't give that away...

*Science has its own rewards. Remember, this IS research. Proceed with moderation, and at your own risk.* 



# Chakras and the Glands

METAPHYSICAL  
MANDALAS  
and their  
PHYSICAL ANCHORS

## Pituitary Gland, Pineal Body.

The glands that between them create the experience of now... they take all that exists and focus it into one apparently separate being... a mirror for the universe to know itself through... the point between intellect and emotion... the right and left hemispheres of the brain.

## Thyroid and Para-thyroids

These glands control growth and the acid/alkaline balance... they are where the integration and the actual working out of the functions of the complex hormonal oils... which are on their way from the thymus gland to the pituitary... are carried out. The throat is the seat of the voice... which is the basic resonance we put out to the environment with every breath, whether we speak or not.

## Thymus gland

The largest gland in the newborn infant... it is the gland that originally directed the building of your body... before puberty it is nourished by recycled sexual hormones (*see NEXUS #7 - The Tantra of Internal Regeneration*). It is the physical reservoir of the oils that hold all levels of our consciousness, our soul, in our bodies.

## Adrenals and Pancreas

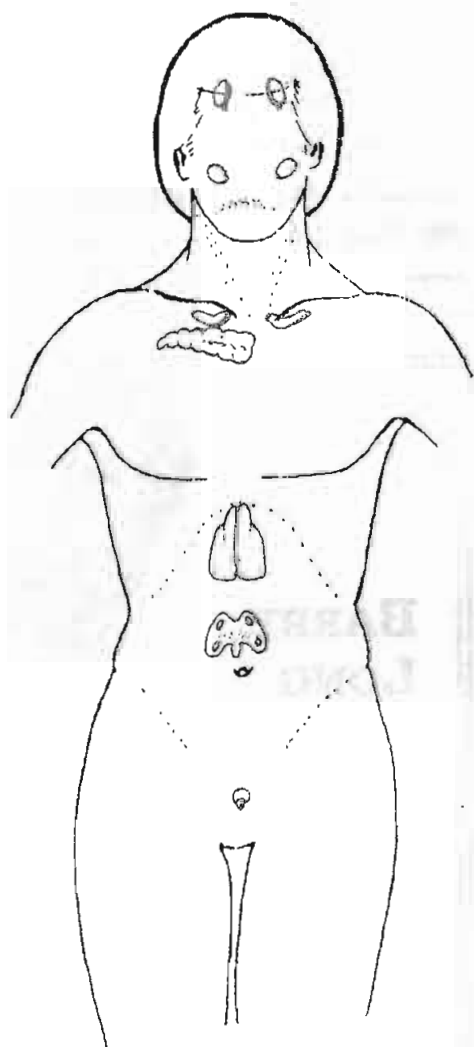
The anatomical source of gut reactions... these glands affect our emotional stance/breath posture which is how we see ourselves and how others see us. They are the energy centres... for action *and* digestion. This level is where other life is made into us during digestion... the point between the micro and macrocosm.

## The Peyer's Patches

Used by the pelvic and solar plexi to control and expel micro-organisms or blockages in the system... the seat of fevers in the body... physically isolating them through internal exercise increases control of the body heat.

## The Gonads

The regenerative hormones, recycled before puberty... after puberty they are used for the production of future incarnation vehicles... the survival of the species.



**N**ow we know some of the physical functions of glands and organs, we can begin to see what the chakras actually are... and how their unique chemistry, that is based on the desire of the universe for acknowledgement can affect our physical as well as non-physical environment. The so called 'Siddhis' or powers are, in fact, relevant to what we now know of the normal function of that level of anatomy. They are the same, only cleared, tuned in, nourished, then extended...

### The Brow Chakra

If care is taken to anchor this chakra, not only up to the crown chakra, which is the base chakra of the Earth Mother... but also down through the lower chakras... so that the overwhelming feeling of being "connected" doesn't create fanatical distortions of your own sense of being... *then* this is "the Lens of Lenses"... the ability to see the many levels of our co-existence... the unified mind where the intellect and the emotions join to become the clear sight of intuitive inspiration.

### The Throat Chakra

The power centre... control of basic vibration... telepathy and even inter-dimensional travel. After all... **this** level of reality is bound by the resonance of the relative speed of visible light... if you could control the basic parameters of the energies you relate to you could be able to "walk the song lines"... i.e. the "wormholes" in our basic time/space field... A daydream? Perhaps... but more unlikely than life itself? Not really.

### The Chest Chakra

"The Wish Fulfilling Tree"... what is visualised/believed in here, will happen. More than on any other level it is important to be compassionate... especially with images of yourself... personal... cultural... ecological. For once an image is accepted here the whole weight of your spiritual will is focused through your soul to manifest it. The traditional powers of this level include levitation; control of your connection to the Earth.

### The Solar Plexus Chakra

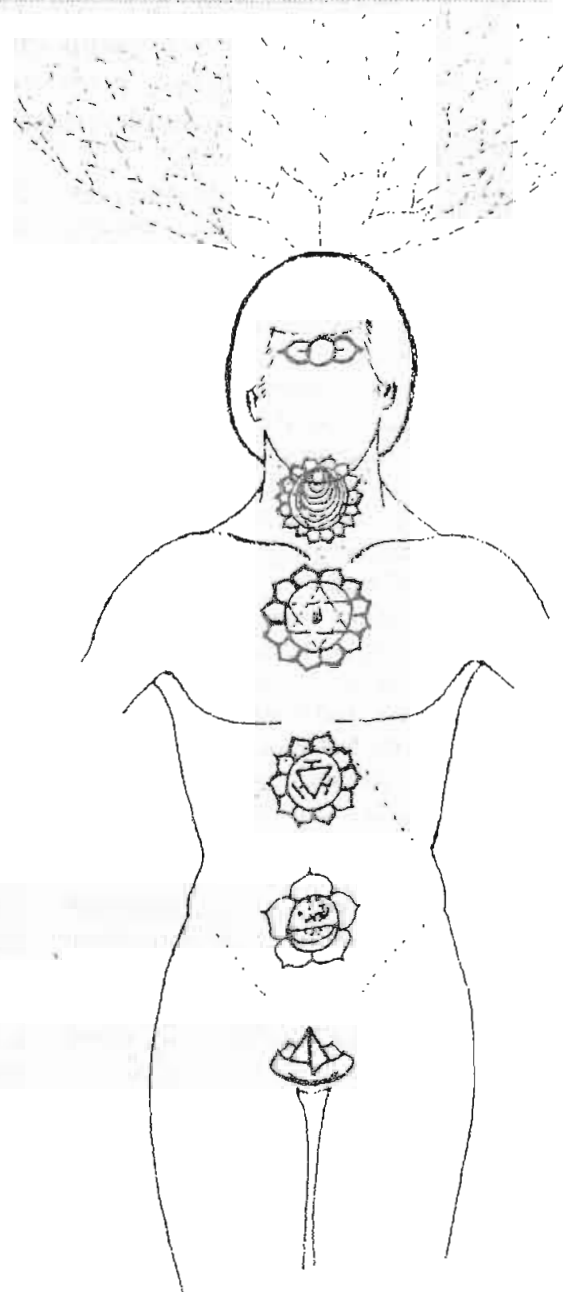
The ability to see yourself in other things and then to see from *their* perspective. This is the radiant centre of the "health aura", which creates a cocoon of fibres around the body. It is also the source point of the "luck fibres" which are seen both as etheric fibres and/or vibrations that an individual causes in the Earth's song lines, which in turn draw things to your future.

### The Pelvic Chakra

The seat of the "fires within", through the control of internal temperatures and pressures, control is gained over the level that hormonal reflexes are set or reset... Traditionally this chakra is seen as giving control of the unconscious, and via control of pheromone release, the first levels of telepathy.

### The Base Chakra

The semen and/or smegma are our store of genetic information... enough to create or re-create our whole physical being. So the regeneration of the body... perfect health... can be based on the recycling of the information contained in these fluids... prolonging this incarnation.







# THE FESTIVAL SEASON FOR HEALTH AND ENLIGHTENMENT

The "ExhibConFesto" season is about to hit eastern Australia, with a good representation of Australian goods, businesses and services on display to the public and each other. Look for our Nexus Magazine Stall at the following events. Starting in Sydney this October is The Australian Festival for Mind-Body-Spirit to be held at Darling Harbour. (See the advertisement on Page 1).

This is the second such festival, and follows the enormous success of the festival last year which saw over 18,000 attendances. The Director of the Festival, Mr Graham Wilson expects a projected attendance of 25,000 people to visit the 150 plus stalls and exhibits.

**T**hese include exhibits on alternative medicine, natural health and fitness, diet and beauty, inner exploration, spiritual development, animal welfare, environment protection and world peace.

The Festival is to be held from October 4th to 7th at Sydney's Darling Harbour Convention Centre. This "Trade Fair" for the New Age movement will feature workshops held by visiting overseas speakers such as Paul Solomon, Dr Rashmi Mayur, Matthew Manning, Edmund Harold, Soozie Holbeche, Chris James, June Marsh, Francesca Naish, Gary Wiseman, James Burgin, Walter Bellin, Dr David Phillips, Leonard Ryzman, John Christian, Barbara McGregor, Barry Long, Karen Schaefer, Brian & Esther Crowley, Denise Linn and the flautist Tim Wheeler.

*"I really feel there is going to come some sort of new order out of all the upheavals and restructuring now taking place in society. We are at a big turning point leading to a better world, a more natural way, a way of living in harmony with each other and with nature."*

*"As we enter the 1990's, it is vitally important that greater personal and planetary awareness becomes a priority. The Festival for Mind-Body-Spirit, which began in London in 1977 and spread to the USA before coming to Australia, remains at the forefront as a major meeting place,"* says Mr Wilson.

An impressive range of workshops, demonstrations and talks running simultaneously with the exhibitions will guarantee that you will need to dedicate at least one full day to take everything in. For enquiries phone (02) 977 1200 and tell them you read about it in Nexus Magazine.

The following weekend in Melbourne is the equivalent trade show for the natural health, beauty and healing movement. (See ad on page 33). More details on this show in the next edition of Nexus.

Also in the next issue, a look at similar "health expos" in Brisbane, Bendigo and Picton which will take place over October and November.

## ENVIROFEST 90 WOLLONDILLY ENVIRONMENTAL FESTIVAL

You are invited to participate in this exciting event for the Wollondilly Shire town of Picton.

**SUNDAY 4 November, 1990**  
10am to 4pm

St Anthony's School Ground,  
Menangle Street, PICTON.

*Activities and stalls include:*

RECYCLING  
CRAFTS  
SOLAR ENERGY  
ORGANIC FARMING  
NATURAL HEALTH  
BIODYNAMICS  
PERMACULTURE  
ENTERTAINMENT

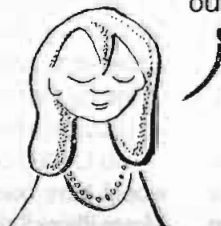
Contact: EARTHKEEPERS  
(046) 819 623

## CHANNEL 13 - MYTHOLOGICAL AND MYSTICAL NEWS

"At the top of the news tonight a white stag bolted from the Taronga Park Zoo and has disappeared. Local druids have hired gnostic mediums to find the beast."



"Locally Denise Jones had a near death experience when a fly flew up her nose during an out of body experience."



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OFF THE DEEP END

## THE FLUORIDE DICTATORSHIP

**W**hat motivates an Australian Government (NSW) to recently follow the despicable UK Government's Act in changing the law to beat "*the will of the people*"? The Scottish Court ruled fluoridation illegal, so Maggie Thatcher changed the law. That was the way to beat the people.

Fluoridation, forced only by Government compulsion, nurtured by the Liberal and Labor Parties, completely and utterly foreign to our Constitution, the rights of the individual, and now proven to have been propagandised on false and deceitful scientific data. (NIDR Study 1988).

But why this fanatical compulsion? Who really directs and indeed controls these political parties and their stooges to act in a manner foreign to the "will of the people" and our Constitutional Rights?

Who orders duly elected members of parliament to blatantly misrepresent those who voted them into Parliament? To whom have they given their allegiance in preference to the people of Australia?

**The people of NSW demonstrated to Mr Greiner they do not want fluoridation, so he changed the law also to beat "the will of the people".**

Can we afford such opposition to our personal rights, social and political liberties, or are we faced with foreign domination, foreign in all sense of the word? NSW fluoridation history is interesting and disturbing.

In 1964 Premier Heffron was softly talking about fluoridating Sydney, but Mr Askin, Leader of the Liberal Opposition Party, opposed vehemently on the floor of the House, such a process for Sydney drinking water supplies.

Shortly after, State elections were held. Mr Askin in his policy speech, April 13, 1965 stated his promise on fluoridation. "Fluoridation - we are against the Labor Government's policy of virtual compulsion on bodies controlling water supplies, to

add fluoride. Conditions vary in different districts and we believe the matter ought to be left to the local authorities to decide."

As part of Mr Askin's "honest" political guarantee to the NSW people, he was elected Premier. No sooner in Government, Mr Askin pushed through Parliament the compulsory fluoridation of Sydney. It was one of his first acts as Premier of NSW.

Years passed, indeed 24 years, and in comes Nick Greiner as Leader of the Liberal Party and Premier of New South Wales. Within a short time Premier Greiner reacted to "the will of the people" in New South Wales where fluoridation plants were stopped, Councils were using their Constitutional Rights and voting against fluoridation their communities' drinking water supplies.

**The "will of the people" in fluoridation is obviously against Premier Greiner's dictatorship, so he introduced a new Fluoridation Act into the Parliament.**

Health Minister Collins, in his address to the Parliament 19.4.89 Hansard said, "*Some difficulties have arisen in recent years in introducing or even maintaining fluoridated water in some areas. The current proposals are designed to overcome those difficulties. At present, if an authority wishes to fluoridate, it must obtain the approval of the Secretary of the Department of Health.*"

"However, there is no power in the Act to direct an authority to fluoridate. It is proposed to give the Secretary of the Dept of Health such power, but its exercise will be circumscribed in two ways."

Mr Collins continued... "Such a power would have been valuable in the case of Moree Plains Shire Council. In that instance, the Council voted in 1984 to proceed with

fluoridation, but met with strong opposition. At the subsequent Local Government elections, a number of pro-fluoridation councillors lost office. Unfortunately the new Council voted in 1987 **not to continue** with fluoridation."

"Two councils, Deniliquin Municipal Council and Moree Plains Shire Council - in regard to Pallamallawa Water Supply - have recently stopped fluoridation of their water supplies. It is believed that other Councils could be considering similar action. *Accordingly the proposed amendment is seen as vital in preserving the State's successful program of fluoridation.*" - endquote.

The Greiner Government has acted to quash the "will of the people", the freedom of the people, and their Constitutional Right to freedom of medication.

The new Act increases the penalties against the "will of the people", examples - from \$200-\$1,000 for breaches of the Act, and fines up to \$5,000. Most disgusting is the power invested in the new Fluoridation of Public Water Supplies Advisory Committee, sitting in judgement, supporting the Gov't in its totalitarian and draconian new Fluoridation Act, all without a member of that committee drawn from the community to represent the "will of the people".

During the debate in Parliament, the Liberal and Labor speakers gave their fluoridation testimonies in the silence of the Parliament, but when one speaker against the Bill commenced his address, things changed. Not only were there continuous interjections, but silly points of order to interrupt the flow of the (Australian Democrat) Hon. Richard S. Jones' well prepared speech. At one time there were nine interruptions, one after another.

**It seems democracy and truth have no platform in the NSW Government, when a member has the audacity to speak on behalf of the people.**

# - GOV'T vs PEOPLE

**NaF ♦ 666**  
NSW - The Fluoride State

The Hon. Marie Bignold was the only other speaker against the Bill, but the Hon. Judith Jenkins, speaking with great enthusiasm for the Bill, made this statement: Hansard 9th May, 1989 page 7549

*"In 1986 the Local Government and Shires Association conducted a survey among member Councils. At that time 67% of those replying opposed the principle of allowing the Government to direct fluoridation, and 65% opposed the proposal to require the Department Secretary's approval before discontinuation."*

So here in the Parliament was proof that the "will of the people" and the will of the Councils opposed the Government's new Act, but of no avail for democracy and

the new Bill was passed, 35 votes for and 2 against. Democracy was laid to rest and totalitarian compulsion became the order of the day for NSW people.

## THE NEW SOUTH WALES FLUORIDATION "EXPERTS"

The obnoxious new Fluoridation Bill was introduced into the NSW Parliament by Mr Peter Collins, Health Minister. He displayed great confidence in his fluoridation knowledge and was supported by Premier Nick Greiner and the combined vote of the Liberal and Labor Parties.

Who did they represent? Not one went to their electorate and openly asked how the people wished to be represented on the Fluoridation Bill.

Immediately after the Bill passed through Parliament, letters by concerned and dissatisfied people were sent to Premier Greiner and the Health Minister. To date not one reply has been received from Greiner or Collins, the architects of the Fluoridation Bill and the "expert" fluoride leaders in the Parliament.

*Is it not reasonable to expect answers to simple questions from these paid, elected servants of the people, who displayed their great knowledge of fluoridation on the floor of the Parliament?*

Source: Australian Fluoridation News, July/Aug 1989.

## COUNTRIES AGAINST FLUORIDATION

[ NO FLR = No Fluoridation ]

ARGENTINA	- NO FLR	- Discontinued
AUSTRIA	- NO FLR	- 'Will not be carried out'.
BELGIUM	- NO FLR	- Discontinued
CHILE	- NO FLR	- Discontinued
DENMARK	- NO FLR	- Forbidden by Law
EGYPT	- NO FLR	- Never introduced
FRANCE	- NO FLR	- 'Gov't does not allow'
W. GERMANY	- NO FLR	- Discontinued
GREECE	- NO FLR	- Never introduced
HOLLAND	- NO FLR	- Discontinued
HUNGARY	- NO FLR	- Discontinued
INDIA	- NO FLR	- Endemic fluorosis occurs in parts of India where removal of fluoride (with defluoridation units) from water supplies is a major public health problem.
ITALY	- NO FLR	- Some public water supplies are de-fluoridated
JAPAN	- NO FLR	- Gov't doesn't recommend
LUXEMBOURG	- NO FLR	- Gov't doesn't recommend
NORWAY	- NO FLR	- Gov't doesn't recommend
SCOTLAND	- NO FLR	- Mass medication declared illegal in major court case
SWEDEN	- NO FLR	- Discontinued - Forbidden by law.

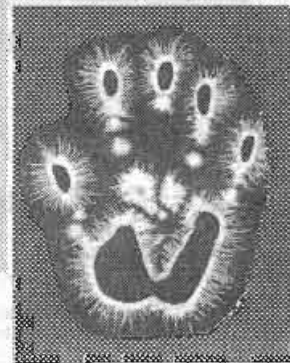




# Reiki healing is at hand

**W**hether it is called Chi, Ki, Prana, Orgone or Universal Life Energy, most cultures have strong traditions and beliefs in a force which makes possible all life processes. This energy can be used in a number of ways, bringing new insight into the nature of ourselves and our world.

REIKI - the laying on of hands to relieve physical, mental or emotional ailments and blocks, is often seen as a puzzling phenomenon - *KLAUDIA HOCHHUTH shares her personal experiences.*



**B**ased on an ancient Japanese healing form, Reiki means 'universal life energy'. This technique is used around the world and has a large following in the US and Europe. It was rediscovered in the 1800s by Dr Mikao Usui, a Japanese Christian educator who practiced and taught the method - which involves tuning into universal life energy and the laying of hands on the body - for the rest of his life.

Having finished my Master in Psychology and being a Naturopath I wasn't really satisfied with what I had learned and constantly looked for another level of healing. The physical, emotional and mental levels were familiar to me, but the spiritual level was absent. Reiki filled this gap and subsequently I started teaching Reiki in 1985.

Using Reiki, a practitioner generates healing energy by laying their hands on the patient's body while the patient is laying down or sitting. The basic treatment is done on the back, head, front and feet... extra positions can be healed where necessary. In case of an emergency the practitioner places their hands where the pain or injury is and Reiki will help the healing process immediately. Some people find not having to undress very comfortable and practical... Reiki works through material.

It's important that the whole body is treated; if someone is suffering from headaches, for example, these may arise from tension in another part of the body or some other dysfunction. Reiki really goes to the cause of the problem and doesn't work only on symptoms. This is where real healing starts.

People usually become interested in Reiki after they have received a series of treatments and felt the benefits of it. People can learn Reiki and heal themselves instead of going to a Reiki practitioner for the rest of their lives for help. You can use it on yourself, on others, on animals and plants.

The Reiki first degree of training involves self-treatment, full

body treatment, short treatment and many practical exercises. It is essential that people enable themselves to use this universal energy immediately; this degree gives students all they need to begin practicing. Healing should be simple & effective, after all.

The Reiki second degree is a further exploration of and commitment to this powerful healing form. Here Reiki students learn how to do absent healings - which means the Reiki giver doesn't have to be in physical contact with the Reiki receiver. Students also learn mental treatments which work with the subconscious, positive thinking and affirmations. The Reiki Intensive Training is for those who want to integrate Reiki further into their lives and for those interested in teaching.

My experience is that 99% of people walk out after a workshop knowing the healing works, even though everyone has different experiences and feels different sensations from Reiki. Its success is measured not only in the cure itself, but also by the patient's state of mind. Improvement in mental state is experienced particularly by those with serious or terminal illnesses, which is often the key to general improvement and recovery. I have treated people with multiple sclerosis, cancer and AIDS and have seen that Reiki can work miracles. At the very least it helps people go into transition happily and easily; supporting someone in this way is overwhelming.

Reiki is a natural healing form and has a lot in common with nature in general - therefore I focus on teaching Reiki in a peaceful environment just out of Ballarat, but travel to give classes whenever requested. During workshops people are encouraged to find their inner space and allow their Higher Self to come through; self-healing starts from this point. Talking or writing about Reiki is like giving a description of the scent of a beautiful flower that you have never smelled; nearly impossible. *The best way to get to know Reiki is to experience it.* **N**







# Healing With Oxygen

Part 2

**E**very 18 months supposedly, all the body's atoms are replaced by new ones; even more often in some tissues. You can become a whole new person more frequently than is generally realised.

**O**vious solutions to complex problems are often overlooked. This simple breakthrough may possibly transform our views of health, healing... and even the human lifespan.

by WAVES FOREST

Personal fluidity and atomic turnover rate vary with the internal oxygen/hydrogen ratio.

While oxygen loosens, dissolves and keeps matter in motion, hydrogen, the smallest atom, is the glue that sticks organic molecules together, filling in spaces between the larger atoms. It concentrates and solidifies matter and helps hold the body's form stable, balancing oxygen's inclination to flow freely. A shortage of oxygen leaves a proportionate excess of hydrogen and other elements. This raises blood viscosity and slows atomic turnover and thus all metabolic functions, which causes sluggishness and other undesirable conditions.

If there's extra matter among the cells that has no useful role in cellular functions, it can only get in the way. Among other things it's read as distortion in the bio-electric fields that guide molecules into place, causing cumulative errors in construction instructions and hastening the aging process.

The ability of oxygen to swiftly hook up with, change and disengage from organic compounds makes it structurally ideal for composing bodies that require a continuous turnover of their molecules in order to stay alive. Its compact size and exuberant electron sharing allow it to easily slip into the gaps between other "used up" molecules in membranes and protoplasm, work them loose, and pull in fresh ones.

**A higher oxygen level keeps the internal molecular exchange going at an optimum rate, allowing the body's processes to run faster and with less effort. It also lets the body and its owner enjoy each other's company a lot more. Oxygen brings bio-molecular slack.**

The constantly shifting patterns of micro-pulses surging through us carry vast amounts of information, of which we glimpse only a thin slice as it crackles past wherever our awareness is localised. All this living fire is fuelled by the action of oxygen and is cooled by the water from hydrogen. The two elements balance each others' qualities more or less perfectly, depending on their exact proportions.

If you've ever put hydrogen peroxide ( $H_2O_2$ ) on a wound you have used oxygen therapy in its simplest form. The bubbling at the point of injury is the death by oxidation of low-oxygen germs antagonistic to the body's higher-oxygen-preferring cells. That is why the bubbling is so pronounced when there's infection in the wound, also why gargling or brushing teeth with  $H_2O_2$  produces considerable foam when many germs are present.  $H_2O_2$  is the simplest and most effective germicidal cleanser for the mouth. Any gum infections will reveal themselves by burning and turning white for a few hours. A 2% solution (one part 35% food grade  $H_2O_2$  to 17 parts water) works quite well; dilute if that is too strong.

The original, more informative name for  $H_2O_2$  is Oxygen Water, since the pure form is simply water with, for example, 2% of the molecules having a second oxygen atom. It is still called that in Europe, there it is widely used in drinking water. "Hydrogen peroxide", while technically correct, conveys the impression of a chemical or drug rather than a naturally occurring substance, which like water or oxygen is central to the metabolism of all high-oxygen-saturation lifeforms.

Food Grade  $H_2O_2$  (35% strength, must be diluted) should be obtained instead of the common chemist shop 3% kind for internal use, as the latter contains some chemical stabilisers and impurities such as phenol, phosphoric acid, or acetanilide. If your nearby health-food stores are not yet carrying 35%  $H_2O_2$ , or they're charging too much, some mail-order sources are listed further along in this report. 1-3 drops (of the 35%) in 5 ounces of water, 3 times a day, is reported to be the best starting dose; it is increased by a drop per dose, per day, up to 25 drops at a time in extreme cases.

Continued over...

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## — Successes In Oxygen Therapy —

Some find the metallic taste rather unpleasant and may wish to chase it with plain water. It can also be mixed with orange or apple juice, but carrot juice or blended banana drinks should not be used as these contain enzymes which break up the  $H_2O_2$  before it can be absorbed.

One method of taking  $H_2O_2$  orally that avoids any uncomfortable stomach reactions, which don't last long in any case, is to mix a 2% solution, take a small mouthful and swish it around for several minutes before swallowing it. It gets all foamy and pre-digested with saliva and produces no stomach discomfort when it goes down. **This can be done as many times a day as desired, but one should start with small doses to avoid bringing on major cleansing reactions, which can be quite uncomfortable while they last.** Often a healing crisis is unavoidable, in which the symptoms temporarily intensify before leaving for good, but ideally one cleans out only moderate amounts at a time of cellular leftovers, not overloading the kidneys and liver all at once.

Absorbing  $H_2O_2$  through the skin can be quite invigorating, and doesn't bother the stomach at all. Apply a 7% solution (1 part of 35%  $H_2O_2$  to 4 parts water) just before a shower, or occasionally 9%. This substantially boosts energy and alertness. Probably best to start with about 2% strength until familiar with it and work up from there. The 2% solution also makes an invigorating splash-on for afterwards that reverses any sluggishness brought on by too long or too hot a shower.

A squeeze-top plastic bottle works best for this. Squirt a little into one hand and apply it over the entire skin, *avoiding only the eyes*. It will take a few palmsful, but if its splashing all over the place you're using too much at a time. Let it soak in for a few minutes before rinsing off. There may be a slight prickling or itching sensation, especially with higher concentrations, which disappears when rinsed clean. It also provides an instant damage report; any open cuts or scratches will make their presence known by stinging and bubbling.

Unless the body is exceptionally clean, the enhanced membrane transport will induce the pores to expel enough accumulated toxins to produce a noticeable 'locker-room' sort of smell, which of course rinses off with the residue. At higher concentrations, one can actually taste the  $H_2O_2$  that has moved through the skin into the peripheral blood supply. A few ounces of 35%  $H_2O_2$  in a bath will neutralise contaminants and chlorine by-products from municipal water supplies and can produce an invigorating effect similar to direct skin application, though the latter uses up much less  $H_2O_2$  at one time.

One intravenous  $H_2O_2$  treatment (250cc of .035% infused over half an hour) is said to accomplish the equivalent of about 2 weeks of the oral regimen. If one's condition is urgent enough to require something that is invasive, a physician's assistance is needed. The closest physician offering it can usually be located through the International Bio-Oxidative Medical Foundation.

An astonishing mass of documentation has accumulated on the positive results obtained with various concentrated oxygen sources, especially  $H_2O_2$  and ozone ( $O_3$ ).

**Medical ozone therapy has been used in some parts of Europe for over fifty years with no fatalities or side effects.** It is estimated that over 5,000 physicians in Germany alone are now using ozone in their practices. <sup>1</sup>

The US ozone scene is not quite as encouraging, though some progress is occurring. Most US physicians using ozone are keeping a low profile until the FDA approval process grinds to some sort of a conclusion. The FDA has chosen to define ozone as a drug and withdrawn their initial tentative approval of its experimental usage. Progress with the comparatively low-tech  $H_2O_2$  in the US is quite another story, regardless of FDA disapproval. Despite FDA warnings to distributors not to sell it for health applications, the grassroots  $H_2O_2$  self-treatment movement is now unstoppable, and even physicians using  $H_2O_2$  feel some safety in numbers.

The International Bio-Oxidative Medicine Foundation (IBOM) is a clearing house and referral service for the rapidly growing number of physicians offering intravenous  $H_2O_2$  to their patients. The IBOM Newsletter contains technical updates for physicians using  $H_2O_2$  and they recently printed a list of some 30 diseases, many previously considered incurable, which have been treated successfully by this method. This astonishing list, includes cancer, AIDS, cardio-vascular disease, arthritis, emphysema, asthma, influenza, diabetes, multiple sclerosis, environmental allergy problems, candidiasis, Alzheimer's and Parkinson's disease. <sup>2</sup>

**Walter Grotz conquered a severe arthritic condition several years ago by drinking  $H_2O_2$  and has been studying and giving lectures about it ever since.** He originally heard about  $H_2O_2$  from Father Richard Wilhelm, who had learned about it from Dr Carl Edward Rosenow. He initiated a computer search, locating over 5,000 peer-reviewed medical articles regarding  $H_2O_2$ 's therapeutic applications and metabolic roles, and the artificial conditions under which it can be rendered toxic. He turned up much of the material on  $H_2O_2$  given here and played a major role in the recoveries of many people who may not have otherwise learned about  $H_2O_2$  in time. <sup>3</sup>

## — Oxygen Therapy In The Past —

If a principal is valid and useful we should expect it to be discovered repeatedly until it is finally implemented. Oxygen therapy has appeared in various forms since the late 1800s, but its adoption has tended to spread only until it started noticeably displacing conventional medical services and products. The pharmaceutical industry is older than most people realise and as with any other business, drug manufacturers have naturally attempted to discourage any major threats to their markets. And  $H_2O_2$  is the embodiment of a drug company owner's worst nightmare: people who use enough of it simply stop buying virtually every other pharmaceutical product. Highly reputable medical journals have briefly covered oxygen therapy over the years, but somehow its true potential remains unexamined...

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In 1939 Dr William Frederick Koch summarised the feature shared by the chemistries of all disease organisms, that leaves every one of them vulnerable on the same front: "Molecular structures that catalytically quench the normal oxidation catalysis possess rather heavy molecular weight which contributes inertia. At the same time they possess an ethylene, quinone, imide or amino group, the free valencies of which actively absorb the energy of the positive oxidation catalyst and thus remove its activity from the reaction field.

The toxins of pathogenic germs and allergenic substances are all built up along this plan. They therefore possess a common mechanism of action which offers a single means of attack whereby they can be completely destroyed so far as their toxic action is concerned. One agent, therefore, can serve specifically destructive to all of them and this agent is a vigorous oxidation catalysis." Although there was massive documentation on the effectiveness of his compounds, today they appear to be unavailable and largely unknown...

Another promising oxygenating substance was Ozol, a safely breathable carrier of ozone described in 1912 in Dr Homer Bennett's "Electro-Therapeutic Guide". The inventor, William N. Neel of Chicago, found that ozone can be attached to certain aromatic oils which may then be inhaled without any lung irritation... Many other safe high-oxygen supplements are waiting to be identified and synthesised. The curative properties of certain plants such as taheebo and echinacea are partly due to their ability to bind large amounts of active oxygen into organic molecules that we can assimilate.

In 1931 Otto Warburg won a Nobel Prize for his delineation of the anaerobic cancer metabolism, so it must have been considered an important discovery at the time. Cancer cells derive energy from sugar fermentation instead of oxidation like normal cells (see *Now What* #1). **Any cells deprived of 60% or more of their oxygen supply will turn cancerous; if a healthy oxygen tension is restored, the cells resume a normal metabolism.** But apparently there was no way to make oxygen therapy anywhere near as profitable as radiation, chemotherapy or radical surgery, unfortunately for cancer patients. Ironically enough, it turns out that it's not uncommon for oncologists in the US to administer IVs that include  $H_2O_2$ , "to help improve the effectiveness" of the radiation or chemotherapy.

The charges that cheap alternative cancer treatments have been squashed to protect the existing medical industry's financial commitments have been around for a long time. In 1959 *The Cancer Blackout* by Maurice Natenberg (Regent House, Chicago) detailed some twenty successful therapies that had appeared previously, drawing high praise from patients and sincere physicians but heavy fire from medical authorities. Natenberg's description of the situation 30 years ago sounds chillingly familiar today, with the key difference that the public sense of urgency is finally forcing alternatives into the open...

Somehow the general notion has spread that 'free radicals' are categorically dangerous and that  $H_2O_2$  is and/or produces a free radical, so it too must be dangerous. Free radicals are just

atoms or molecules with unpaired electrons, an unavoidable occurrence in bio-chemical reactions. There could be no life as we know it without free radicals.

### — Confusion Over Free Radicals —

However, some free radicals are indeed dangerous. The properties of free radicals vary widely, depending on the atoms composing them. Some are toxic to all living cells, others only to the most vulnerable cells.

Singlet oxygen is a highly reactive free radical that acts as a scavenger of other free radicals. The oxygen combines with them to render them harmless, thereby protecting the cells in a sufficiently oxygenated body. While guarding us from free radical damage, singlet oxygen will also oxidise the membranes from around any unprotected cells. The key is that healthy cells are normally protected by enzymes such as catalase, reductase superoxide dismutase, and glutathione peroxidase, that block any potentially dangerous reactions from occurring. Disease microbes have no such protective enzymes, nor do cancerous or other disease-weakened cells.

By this elegant mechanism single-atom oxygen distinguishes microbial friends from foes and attacks only invading pathogens and cells that have 'gone over'. The 'dangerous free radicals' from  $H_2O_2$  are dangerous only to tissues which are so thoroughly diseased that they are no longer of much help to the body anyway. In such cases the body's oxygen level needs to be raised gradually, so as not to overload the elimination system with too many sloughed-off seditious cells at one time.

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"Oxygen uptake can be increased by some 30% by improving the body's electrical conductivity to the ground"

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These "anti-oxidant enzymes", which term does not really describe their entire function, are now gaining in popularity as nutritional and/or medicinal supplements. They have been shown to help protect marginally healthy cells from general free radical damage and make it easier to repair damage that's already occurred. Superoxide dismutase (SOD) in particular has helped reduce a variety of disorders; normally it's among the body's most plentiful enzymes. However, prolonged use of supplements could tend to atrophy the internal bio-chemical processes that would normally be making those enzymes. In any case it does not address the oxygen deficiency which underlies the condition being treated, and which causes the cells to be too weak to produce their own protective enzymes in the first place.

It appears that the essential mechanism in many useful therapies is the increase of active oxygen they induce at disease sites by various means... The effectiveness of negative ion generators for cleaning and recharging air and promoting the healing of burns and lung problems, has been well documented elsewhere. The aspect that applies here is that the lungs can absorb oxygen more easily from air that is negatively ionised (carrying extra electrons); a key factor in the invigorating effect

Continued over...




of naturally charged air occurring around waterfalls, snow, trees and ocean waves. It also explains why positively charged air (short on electrons) seems to cause undesirable effects similar to those from partial oxygen deprivation.

A related phenomenon worth noting here is that one's oxygen uptake can be increased by some 30% by improving the body's electrical conductivity to the ground. The refreshing sensation from going barefoot on natural earth, rock or ground cover, as compared to wearing shoes with modern synthetic insulating soles, is due partly to this. Comparatively non-conducting surfaces like asphalt, cement and synthetic carpets all interfere with properly grounding a body for maximum oxygen absorption. It will help to reintroduce conductive-soled shoe like moccasins or certain woven organic fibre types and where feasible, conductive concrete substitutes such as stone, clay or Indian cement.

### — Directed Attention Methods —

The brain consumes ten times the amount of oxygen, per pound of body weight, that is used in the body's other tissues. The singular role of oxygen in sustaining awareness may be further demonstrated by the local increase in oxygen saturation occurring in areas of the body receiving focused attention, when treated by such ancient methods as laying on of hands and creative visualisation (healing energy flows, etc).

It has been demonstrated in long-term studies that, to put it bluntly, people with crummy attitudes tend to live shorter lives, which is actually a kind of a relief for the rest of us. The point is that hostility, resentment and other unappealing emotions cause a constriction of the blood vessels, which of course reduces the flow of blood and oxygen. There are quite a few accounts of people who were basically no fun to be around, who upon learning they had a short time left decided to try acting nice for a change. So they'd smile and be friendly and try to enjoy whatever remaining time they had, and interestingly enough, sometimes the disease would fade away, leaving them with many more years of life and a much greater appreciation of it.

Even '**laughter therapy**' has among its effects an increase in the blood oxygen level. Deep laughter works the diaphragm vigorously and forces a more complete emptying and filling of the lungs than regular breathing usually accomplishes, and the greater oscillations of pressure within the air passages stimulates a swifter transfer of oxygen to the blood. 

**1. Among those whose documentation has reached the US are:**

Dr Horst Kief, Arzt, Londoner Ring 105, 6700 Ludwigshafen/Rhein

Dr Alexander Preuss - Ulminstrasse 15, 2900 Oldenburg

Dr S. Rilling - Arztl. Gesellschaft für Ozontherapie, Stuttgart

Dr Renate Viebahn - JrJ Hansler GmbH, Iffezheim

**2. IBOM - PO Box 61767, Dallas/Ft Worth, TX 75261, USA;**

Ph.817-481-9772. They are getting many 'send free info' letters and phone calls, so give them at least \$2 and SASE when requesting literature, and \$10 for physician referrals.

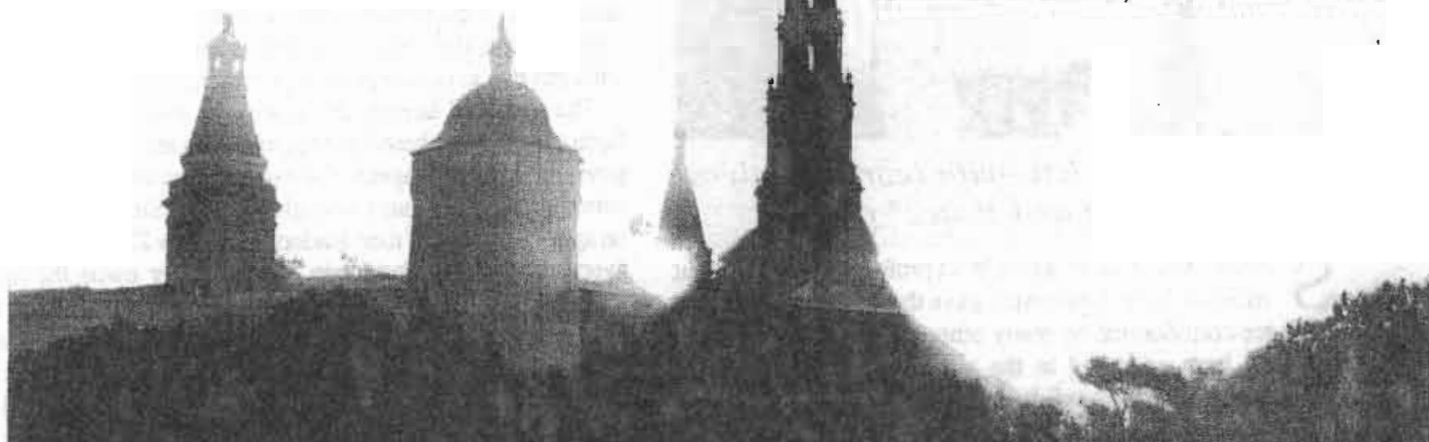
**3. His newsletter ECHO, an update on oxygen therapy, is available for US\$2 from PO Box 126, Delano MN 55328, USA.**

HEALING WITH OXYGEN continues next issue

# REPORT FROM RUSSIA

by Bill Pfeiffer

In April 1990, the Rainforest Information Centre helped to fund Bill Pfeiffer of The Sacred Earth Network to visit the Soviet Union as part of an American environmental delegation. He found a "complex ecological nightmare"... but also an underlying hope working hard towards a safer, healthier future.



**T**he Soviet Union is 1/7th of the land mass of the planet. Interestingly, because the overall situation is desperate and crisis can create opportunity, the USSR might be able to pull off a **REAL** revolution and be the first industrialized country to make the solar transition. In a New York Times editorial, **U.S. Senator Albert Gore** said, "*Humankind has suddenly entered into a brand new relationship with our planet. Unless we quickly and profoundly change the course of our civilization, we face an immediate and grave danger of destroying the worldwide ecological system that sustains life as we know it. It's time we confront that danger.*"

**A**bout 8 years ago, I came to a similar realization as the one quoted above, but it was based only on part of the wider environmental crisis we find ourselves in. People like Helen Caldicott and Jonathan Schell were warning us of potential nuclear catastrophe; speaking of 150 nation states, competing for wealth, armed to the teeth, with the 2 largest among them prepared for war. Then I started to work with the Nuclear Freeze Campaign. An invigorating time... connected to a mass movement that, in retrospect, I think, made history.

In 1984, after two solid years of volunteer organizing, my colleagues and I ran into a wall. The American fear of the Russians was so pervasive that reasonable calls for a cessation of the arms race fell on deaf ears. Who were these 'enemies' that were going to vaporize our cities? Who was the 'Evil Empire'?

As I asked myself these questions, a friend offered me an inexpensive trip to the Soviet Union which I took instantly. Soon after landing in Russia, at a birthday party of a Moscow artist, whilst dancing to songs like "Twistin' by the Pool" and

being fed a five course meal, I knew first-hand my assessment of the Soviet threat was very different than the Pentagon's. Yes, they lived under political and psychological repression. Yes, their awesome military capabilities were real; but after that first trip I saw flesh and blood people, not monsters. There was a space for change, and that same month, April 1985, Mikhail Gorbachev came to power.

It was about that time many Americans began doing the same thing as I had, and "citizen diplomacy" came into being. If the leaders couldn't make headway on peace and disarmament, then ordinary people were going to take a stab at it. Their lives depended on it. I organized and led a couple of trips after that first one, and was struck by two common themes: how much the Soviets longed for genuine peace with America, and how much they disliked their own government. On my most recent trip, I also found that the overwhelming concern for a reversal of their rapidly deteriorating environmental situation could now be added as a third major theme.



*Bill Pfeiffer, on left, with representatives of the "Ecology and Peace" group.*

**S**ergei Golubchikov, an eminent professional ecologist at Moscow State University, gave the following statistics, which are corroborated by many other scientists and activists, and most have appeared in the prestigious M.S.U. science journal, 'Energia'. As hard as it is to believe, they only provide an overview of a vastly complex ecological nightmare.....

1. To produce forest products like construction lumber or paper, 90% of the USSR forests are clear-cut from old growth virgin forest with an incredible 70% waste factor. That is, 50% of the trees and brush lie on the forest floor without going to the mill, and the mill in turn produces the other 20% waste. Figures in the USA are about 35-50% clearcut of virgin forest with 10% waste.
2. There are 545 thousand hectares of forest dying due to acid rain in the Norilsk area (north western Siberia) alone. (Also, Zhores Medvedev, in "Ecologist" (Jan/Feb 1990), stated that the Soviet Union is losing its forests at the same rate as Brazil!)
3. The majority of agricultural land outside of the Ukraine is undergoing progressive erosion. Also, these lands have seen a 450% increase in chemical fertilizers & pesticides since the 60s.
4. 40% of the children in Leningrad have intestinal disorders due to the poor drinking water. Many other industrial cities in the USSR are experiencing similar problems.
5. There is widespread contamination of European USSR due to radioactive and other toxic wastes, with toxics showing up **unexpectedly** on land and at sea. Incredibly, "school children wandered unwittingly into a forgotten and unguarded nuclear waste dump near Khabarovsk." The northwestern Ukraine is still heavily contaminated by fallout from the Chernobyl accident, far worse than initial estimates. Also, various communities are threatened by oil and gas exploration.
6. The Aral sea is drying up and producing lethal dust storms to plant life over an area of 200,000 square kilometers. These storms, sometimes 100 km wide, can be seen from space.

Finally, Professor Golubchikov states that 26% of people in 123 cities in the USSR live in areas that could be called 'extremely hazardous' due to the full range of chemical and bacterial pollutants. Until five years ago, most of this information was known only to a select few, but due to increasing democratization, many green groups are actively

trying to reverse this critical situation. Our group of specialists in different areas of the environmental movement met with some of these Russian greens.

It is important to point out that the information distribution in Russia is about thirty years behind the West. There are virtually no copy machines, the telephone lines are of sporadic quality, there are very few personal computers, and to top it off, this largest of forested countries has a paper shortage! Additionally, Mikhail Galyatin, a Soviet environmental lawyer whose remarks were repeated frequently in the USSR stated that "environmental law is in its infancy". He said that since the state is both regulator and polluter, enforcement is minimal at best, and it is difficult, if not impossible to sue the state for damages due to environmental pollution.

The first, and largest, group we met with was the Social-Ecological Union, based in Moscow, who are completely non-governmental and respected by everyone we talked to. They are comprised of 120 groups throughout the USSR. In a discussion on agriculture, one of their leaders, Svetoslav Zabelin, stated "if everyone owns the land then no one really owns the land." Zabelin thinks that private ownership of the land by farmers and peasants is the only way to counteract chronic food shortages.

A smaller group, Ecology and Peace, also based in Moscow, comprises 100 respected scientists who were mainly responsible for stopping the planned reversal of over 15 northern Siberian rivers in the early 80's. Despite the heavy hand of Breznev's last years, they were able to pressure the Supreme Soviet to abandon the project. Sadly, they work out of a few rented rooms at the Soviet Peace Fund and are only now ready to move into a larger space where they will still be in need of all the office essentials (computer, copier, printer, etc). Due to the respect given to persistent, truthful scientific analysis in the USSR, Ecology and Peace has the potential to be the Soviet version of the Worldwatch Institute.

Our next stop was Riga, Latvia, where environmentalism and independence go hand in hand. Vak, the group we met with most frequently, is convinced that Latvia will not be able to make the necessary changes toward a sustainable future without breaking out of the Soviet Union. We were very impressed with their organizational abilities and were told they had some help from a number of Latvian-American associations. They have a newspaper, an office, and possibly one of the only Macintosh computers in Latvia. One chilling fact they kept reminding us about was that Riga, a city of 1 million, has no sewage treatment facility. All this waste just empties into the bay!

Our last stop was Leningrad. This Venice of the North is considered by many to be one of the most beautiful cities in world. It's also one of the most polluted. The source of its drinking water is Lake Ladoga, at one time the largest source of fresh water in Europe. Three pulps mills without effluent control devices, along with their accompanying towns, pump heavy metals and raw sewage directly into the lake. Interestingly, the environmentalists we spoke to were even more incensed about the almost completed Damba, a huge sea dam designed to prevent the once-in-100-year flooding of the city. They claim that the floods only destroy property, but that the dam will trap the entire range of bacterial and chemical contaminants leaching out of Leningrad. This trapping effect



will create a stew of hardy mutagenic and pathogenic substances that will potentially spread disease throughout the city and elsewhere. Fortunately, this issue is getting so much press that dozens of new organizations are attempting to stop completion of the project.

On our first day, we saw many of these groups exercising their new political muscle, under television lights, at Leningrad's City Hall. Members of the Greens and Delta (the group strictly focussed on the Damba) told us that even six months ago this type of pluralism was unheard of.

Our delegation, composed of experts in environmental fields such as hydrology, forestry, agronomy, nuclear power, environmental law, communications, organizational development, etc, not only discussed a whole range of issues, but initiated new projects and added to on-going projects.

*Here is a list of some of them...*

- 1) preliminary plans for a major conference on sustainable agriculture between US and Soviet scientists in Moscow;
- 2) setting up "Green Libraries" in Riga and Leningrad;
- 3) arrange delivery of additional communications equipment (computers, modems, etc) to key USSR environmentalists;
- 4) comprehensive database of USSR environmentalists;
- 5) initiate the provision of individual radiation monitoring equipment (dosimeters, rad-alerts).

Finally, after three grueling days struggling with technical obstacles, one of the major accomplishments of the trip was getting Volodya Shestakov, Leningrad's premier citizen activist and international networker, "on-line" onto the rapidly expanding environmentalists' computer network, ECONET, similar to the Australian node - PEGASUS..

Just before going on this latest trip, I was fearful that justifiable economic concerns would override Soviet concern for the environment, and that the short-term would outweigh the long-term. On the contrary, they are feeling environmental concerns on a survival level, and additionally, environmental advocacy is seen as giving fresh air to the political process. Although many of the activists we met were scientists, they refused to distance themselves emotionally. They consider themselves "Baryets za prirodu", warriors for nature, and consistently make statements like "*when we destroy nature, we destroy ourselves*". They even wax poetic.

Listen to this rough translation of a quote by Professor Golubchikov: "*The forest is a healer and the forest landscapes are her medicine. Wild nature has intimate, unknown connections with the spiritual realm and the moral behavior of humans. Within her lies everything which has thousands of years of memory, so incomparable, beautiful, and gracious. Her smells and sounds inspire and amaze us.*"

**T**he anti-nuclear (both weapons and energy) activists among them are proud to have helped stop 18 nuclear power plants from being completed, and are looking forward to continued coalition building with their American counterparts. Meanwhile, heavy industry pumps millions of tons of carbon dioxide into the atmosphere and stripping away at the very eco-system which can absorb that same Co2 - the last great forested wilderness on Earth, namely Siberia. Even the most conservative climatologist knows that's a formula for disaster.



*Lemeshev, on right, is a major anti-nuclear scientist working for change.*

In an ironic twist of fate, the people of the Soviet Union are looking to the West for its assistance, ingenuity, and prosperity. I hope we can meet that challenge, by acknowledging something we have denied for fifty years - our security is inextricably linked with theirs'.

Ever since the core group of The Sacred Earth Network went on their first trip to the Soviet Union, we realized that peace was not only a possibility between USA and USSR, but that a creative partnership was unfolding. Thousands of exchanges were leading to an eventual enrichment of both our societies. It seems vital that the two major super powers take action - together - to avert further violence on and to the planet, and simultaneously help to create a sustainable future.

#### References:

Gabriel Schoenfeld, "A Dosimeter in Every Dacha," Bulletin of Atomic Scientists, (July/August 1989).

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426. - 6th Avenue Brooklyn, NY, 11215 USA.

Email: igc:bpfeiffer (Nexus received this story via Pegasus)

### **THE SACRED EARTH NETWORK**

The original idea for starting the Sacred Earth Network grew out of a phrase that Robert Muller mentioned about 5 years ago: "Decide to network. Use every letter you write. Every conversation you have, every meeting you attend to express your fundamental beliefs and dreams. Affirm to others the vision of the world you want to live in."

Specifically, the goal of this organization is to document, promote and when possible, give "hands on" help to developments in alternative energy, conflict resolution, reforestation, habitat preservation, human potential, interspecies communication, and computers as transformational tools, and then share this in a mutual exchange with like-minded Soviets. These areas represent many of the directors' personal interests at the moment, however this list is always subject to review and expansion.



# hydrotherapy

by Susan O'Neill

Defined as 'the scientific application of water in the treatment of disease', "HYDROTHERAPY" is derived from the Greek word HYDROS meaning 'water' and THERAPIS meaning 'treatment'. Ancient Egyptians used hydrotherapy. We also know the famous Greek physician Hippocrates (460-359 BPE) practiced hydrotherapy in conjunction with massage. Austrian records describe its use dating back to 800 BPE.

Because of the abundance of water in nature and in the human body, there can be little doubt that this element is ideal for therapeutic use, both internally and externally. There are many methods of application of Hydrotherapy, i.e. water is applied to the body in any of its three forms; liquid (water of varying temperatures), solid (ice), or gaseous (steam).

**The technique varies with conditions to be treated, but it is especially beneficial in cases of inflammation, expulsion of toxic body wastes. Typical medical applications include...**

**Nervous problems** - stress, insomnia, depression and anxiety.

**Blood & circulatory problems** - high and low blood pressure, swollen legs and ankles due to fluid retention, heart weakness, varicose veins and arteriosclerosis to name a few.

**Rheumatism** and arthritis, spinal pain, disk problems & gout.

**Metabolic problems** - obesity, constipation, cellulitis, digestive disturbances, skin diseases and disorders.

**Respiratory problems** - coughs, sinusitis, asthma, bronchitis.

**Sports injuries and fitness management** - sports-people worldwide can attest to the benefits of using spa baths and hydrotherapy techniques both before and after training and competition to improve performance and prevent injuries. Fortunately, you don't have to be in a state of 'dis-ease' to use or benefit from hydrotherapy, and you can beneficially employ many of its forms at home.

The two main divisions of use in hydrotherapy are **cold**, and **hot** water treatments. Cold water treatments are usually applied to acute or inflammatory conditions, whereas hot water treatments are generally indicated for more chronic (long-term) illnesses. Hydrotherapy can be applied in the form of poultices, sponging, ice pack, Turkish bath, hot packs, inhalations, natural baths (body temperature), hot or cold water full immersion baths, Epsom salts bath, oil, peat, sitz, foot and spa baths.

The first 'spa' bath mat was created in 1909 by Dr Senator, a German physician. Since then, hundreds of books and medical reports have been written describing the 'spa bath' therapy treatment. Now hydrotherapy bath mats (like the Balsan 3) come as totally portable units which fit into any normal-sized bath, helping you gain control over your health. These produce millions of tiny bubbles which can be adjusted in strength, intensity etc depending on the application required. **The Balsan 3 even has an OZONE BURNER UNIT inbuilt into its blower housing; this ozone enriches the water with oxygen.**

Ozone, an oxygen molecule with three oxygen atoms instead of two, is comparable in its physical and psychological effects to the fresh oxygen-rich air in a pine or rainforest after a

an ancient  
**HEALING TECHNIQUE**  
meets new times

thunderstorm! Its effect is invigorating, stimulating and refreshing. (See *Healing With Oxygen* on page 47)

The massage created by the air bubbles as they rise through the water causes the small blood vessels in the dermal layer of the skin to dilate, and the ozone can then be absorbed through the skin and into the bloodstream.

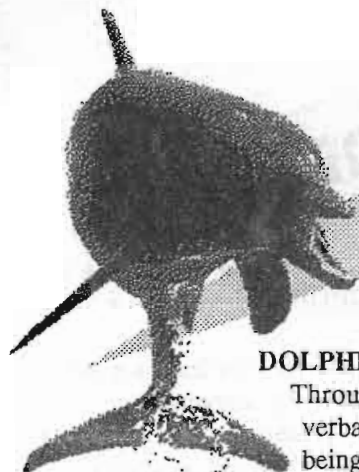
## The Ozone Bath

Ozone and its applications in hyper-oxygenation or ozone therapy is being extensively researched and used in Europe and the USA, in the treatment of AIDS and cancer (among other so-called incurable diseases) with amazing results. Ozone is used extensively in Europe for sterilizing water in large-scale water treatment plants and swimming pools.

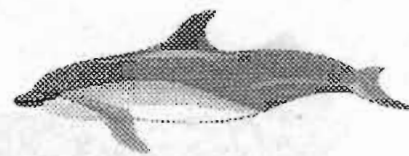
As well as its obvious therapeutic effects, the addition of ozone into a hydrotherapy bath prevents the accumulation of bacteria in the bath water, bath mat and bubble tubes. Essential oils, therapeutic salts and herbal extracts can also be added to the water in combination with a bath mat. Ozone enrichment of the water also increases the feeling of remarkable vigor and well-being which the spa provides.

Air and water are two of the most basic and important elements for life processes, and these can be combined in your home. Some mats also come equipped with a foot bath which can be used for a number of problems like migraine and circulatory disturbances or plain tired feet. The reflex zones on the feet are massaged by the air bubbles which are pumped through the water and ozone enrichment can be absorbed through the soles of the feet. Foot and hand bath therapy is used by many hydrotherapists and herbalists, like French herbalist Maurice Messegue, with extremely good results. **N**

**Enquiries for OZONE BATH MATS or Hydrotherapy...**



# The Cetacean Scene



A new regular feature  
presented by  
Nina the Delphina

## DOLPHINS ARE TRULY WONDROUS

Throughout history, both written and verbal, dolphins have inspired human beings. There has always been a strong pull, especially where it is known that dolphins come into harbours and coastal areas. People continue to flock to these areas. Once that single-eyed look has been felt, that chatter and clicking heard and their smile caught, an impression is made on the heart that cannot be easily forgotten.

Back in the 16th Century Pierre Belon, a scientist of the time, conducted anatomical dissection of dolphins and found the skeletal structure suggestive of an association with the homo sapiens race. It is worthwhile to point out that a species' evolutionary history can be traced by studying its skeletal structure. This principle applies to all forms of life.

Belon found that "in the dolphin's skeleton one finds four limbs, hips, an articulated neck with seven vertebrae - in short, all the equipment of a land mammal such as a dog... The forelegs have telescoped but all the joints are still there, including five complete fingers, now protected by a mitten of flesh in the form of a fin, of the hind legs nothing remains but the hips: two little bones lost in the flesh near the bony protuberances on the spine which reminds us of the pelvis that was once there... these tiny remnants of bones on the verge of disappearing... (are) eloquent as is the absence of the skeleton in the caudal fluke and the dorsal fin, both... purely aquatic parts of the cetacean's equipment in which there is nothing but fibrous tissues and fat... materials other than bone. The conclusion of the modern evolutionist is: with typical land features on the point of disappearing and some new, purely aquatic features, the cetaceans are former land mammals now adapted to their new life in a denser liquid environment."

There are many things learnt from dolphins; primarily their enormous capacity for friendship, love and their enchanting playfulness. I feel the value of this love cannot be underestimated or over-emphasised. From a purely political and conservationist perspective there is a lot to be done to save these mammals. To this end many people are working, investing their time, money and their lives to turn this around.

*"We can choose which beings are expressions of that love, and which feelings thoughts and actions exemplify that love in ourselves and others,"* says Joan Ocean.

by MARA-VENERA CARMELLA

When you purchase an item made by The Dolphin Lady Australia 2% goes to Greenpeace for their Ocean Ecology Campaign with focus on the senseless slaughter of whales turtles & dolphin pods through the tuna fishing & driftnetting.

1. R. STENUIT "The Dolphin: Cousin to Man", Pelican 1971
2. JOAN OCEAN "Dolphin Connection", Spiral Books 1989

## THE SECOND DOLPHIN & WHALE CONFERENCE

Are you intrigued by dolphin and whale behaviour and their interaction with human beings? Imagine spending five days at a beach resort with a 'pod' of 380 humans, with 'experts' and 'visionaries' discussing everything under the sun (*and ocean too*) to do with cetaceans ie dolphins and whales... the second International Dolphin and Whale Conference was held in May, 1990, again at Nambucca Heads.

For Dr Horace Dobbs of England, swimming with dolphins may be a cure for depression. For Dr David Nathanson of USA, downs-syndrome children may improve their learning ability when a dolphin swim is their reward. For Dr Betsy Smith of USA, autistic children may have their barrier to communication penetrated as a result of being in the water with dolphins.

## CONTROVERSY: BABYSWIMMING & WATERBIRTH

Cookie Harkin, from "Babyswim", a Victorian organization, spoke on the importance of creating a loving environment for optimum learning. Within each child there is a natural love of learning, so teaching a baby to swim is a joyous process and easy when you know how.

Not so for Igor Charkovsky from Russia. In contrast, his presentation shocked many of the conference audience with his description of the need to 'toughen' children, and that babies have an innate fear of water! Seeing the crying children and fearful mothers (*whose fear he dismisses as "irrational"*) in his latest video alarmed a significant number of those present. He seems also to have transformed waterbirth from 'gentle' to 'experimental', as his clients now give birth into icy water, as part of this "toughening up" process. Perhaps Charkovsky's methods left us with more questions than answers

In counterpoint, Cookie posed another question: why is it that the babies of mothers who swim during pregnancy have a greater affinity with water than those babies whose mothers have experienced water birth but not pre-natal swimming?

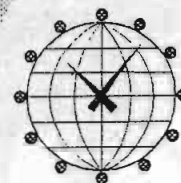
With continuing public debate, it was resolved that dolphins held in captivity in chlorinated and concrete tanks is cruel, and stated "*dolphins must be respected as equals with freedom of choice of movement; not as our pets for our pleasure*".

A code of ethics was drawn up in respect to whale watching and suggested that boats with motors should be banned completely in whale preserve areas. Would whales breach at all if we were not there in motorised vessels to observe them doing so? Are they in fact, breaching (jumping above waterline) simply to avoid the disturbing sound pollution from boat motors?

With dancing to live music, group singing, an Aboriginal corroboree, and a flute performance by Paul Horn ("Inside the Great Pyramid", "Inside the Taj Mahal") the fun was abundant.

*The Third International is to be held in Hawaii in May, 1991. Not so much a conference as a festival of ideas. Be there.*

# THE DANCE OF SPACE AND TIME



by Gerard

Through the last two decades we have seen a series of scientific discoveries and advances revolutionize our understanding of the structure of the world and the fabric of the universe.



The new physics of the twentieth century is *quantum mechanics*, which began with Max Planck and Albert Einstein. The old physics comes from 300 years hence, founded by Isaac Newton. Quantum mechanics does not replace Newtonian physics; it includes it. But it goes beyond the Newtonian direct relationship between theory and observation, as quantum mechanics is the result of study into the invisible subatomic universe.

The difference between the atomic and subatomic level is as great as that between atoms and the objects we're familiar with. We can picture an atom with its nucleus and orbiting electrons for example; if the dome of St Peter's in the Vatican was the diameter of an atom, the nucleus would be a grain of salt suspended in the middle and the electrons about the size of dust particles. At this level Newtonian physics is inadequate and quantum mechanics is needed to explain particle behaviour. Classical physicists believed that by understanding the 'laws of nature' it was possible to predict future events from what was known about earlier ones. The limits on this concept were the complications caused by complexity, rather than the operation of the laws.

In quantum mechanics there is no way to predict individual events. It concerns itself with group behaviour; it can tell us about how a group of particles will behave but only how an individual particle will probably behave. Probability is the major characteristic of quantum mechanics - the statistical description of the behaviour of systems. But what is it that quantum mechanics describes?

In 1927 a group of physicists met to answer that question. Their answer was that it does not matter what it is describing; the important thing is that it works in experimental situations. Truth is not absolute in this system, but the measure of how consistent something is with our experiences. For the first time, scientists were forced by their own findings to admit that a complete understanding was beyond the capabilities of rational thought. Einstein didn't accept this idea and argued against it for the rest of his life. Einstein used Planck's concept of 'quanta', or energy in packets, to prove the existence of the photon and begin the unfolding of quantum theory.

Photons are elementary particles that exist within the relationships between other particles, in a web of relationships between elements whose meaning comes from their relationship to the whole. The particle world is organic, like

ourselves, and we may learn something about ourselves by studying it.

Photon systems flow in a smooth, dynamic way which can be predicted by what's known as the Schrodinger wave equation. But when observed, the wave collapses abruptly in a 'Quantum Jump', when all the possible developments of the wave become a single actuality. Since we are doing the observing we are actualising the event (the universe) and are therefore self-actualising.

Schrodinger's possibility waves were mathematically equivalent to matrix tables prepared by Werner Heisenberg to calculate probabilities. But Heisenberg's great contribution to quantum theory was the Uncertainty Principle, which states - of the two things that can be known about a subatomic particle - its position, or its speed and direction - only one can be known at any time. He proved that at the

subatomic level there are limits beyond which it is impossible to measure accurately.

The Uncertainty Principle reveals that as we penetrate deeper into the subatomic level we reach a point at which one part or another of our picture becomes blurred, and clarifying that part involves blurring another. If the position of a particle is precisely determined, there is nothing we can know about its momentum. The significance of the Uncertainty Principle is that, at the subatomic level, we cannot observe something without changing it. The reason we know nothing about a particle's momentum when we locate it is because its direction and speed have been changed by our observation (or by the gamma rays used to 'see' the electron). Heisenberg wrote; "What we observe is not nature itself, but nature exposed to our method of questioning."

The average life of a neutron is 918 seconds, and mesons range from billionths to quintillionths of a second. These subatomic particles are what the universe is made of, but these are not 'made of' energy, they are energy. Einstein theorised in 1905... *subatomic interactions are of energy with energy - at the subatomic level the dancer and the dance are one.*

Subatomic interactions are studied in particle accelerators, which use one particle to shatter another particle to see what the remains are made of. Because particles have such short lifespans what is actually studied are photographs of their tracks through a bubble chamber. A photo of particle interaction shows the new particles created from the originals plus particles created by the energy of the accelerated particle.



The faster it travels the more energy is available to create new particles at the point of impact, which is why larger and larger particle accelerators are being built. By 1980 over 100 subatomic particles had been identified, roughly arranged into three groups; light, medium and heavy weights. This 'particle zoo' is enlarged as more massive particles are created in ever larger accelerators. There's a paradox in that some particles that exist in theory have no mass; the photon or light particle is massless, but our definition of an object (including a particle) is something with mass.

Paradoxes are where the rational mind bumps into its own limitations, its self-made mental structures about the world. Both Buddhists and physicists discovered that understanding involves passing the barrier of paradox, for to escape the bonds of conceptual limitations is to hear the sound of one hand clapping.

In addition to reciprocal uncertainty over position and momentum there is also a reciprocal uncertainty of time and energy. The more certainty about the time, the greater the uncertainty about the amount of energy involved. The speed of quantum interactions is so fast that it violates the law of conservation of energy, which states that more energy cannot be taken out of an event than went into it.

However, subatomic particles are just the endless interaction of fields, a combining and recombining of our mathematical concepts of subatomic particles. They are very active - an electron is constantly emitting and absorbing photons. When electrons interact to cause electromagnetic fields they actually exchange photons, but when an electron is on its own the photons it emits are 'virtual'; the only thing that keeps them from being fully fledged photons is their abrupt reabsorption by the electron that emits them. Thus a photon is temporarily created - something for nothing - which is impossible according to the law of conservation of energy.

**The sub-atomic world is a strange one and the theories that describe it become increasingly abstract. These theories, like relativity and quantum mechanics, are 'free creations' of the human mind. Their link with ordinary experience is the fact that they somehow work.**

Source: *The Dancing Wu Li Masters* by Gary Zukar (1979). Wu Li is Chinese for physics, or "patterns of organic energy". **M**

**Nexus #10**

# in ORBIT with Victor Voets

*Mid-July to Mid-September.* Well, the Chinese year of the Metal Horse gallops ahead as the seeking for freedom and change has dominated. The desire for open spaces, to wander, to feel as though you are in charge of your own life rather than bracing at the bit, tethered to the post or to your partner. The Horse year sees people becoming more outspoken and demonstrative than in the subtle Snake of last year. The inclination then was more to contemplation, introspection and meditation, to observe, to prepare and then to strike... the massacre in Tien An Men Square was a perfect example of the venomous snake.

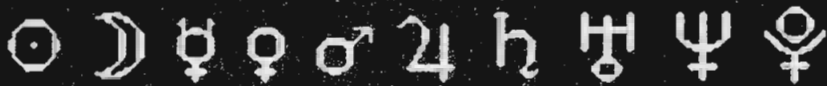
**We turned a corner since August 1989** as the Numerological Significator of ONE began to influence planetary consciousness. Each of us has felt it is time to stand up for oneself. This includes the irritating feelings that others are preventing or blocking our steps towards independence, when actually we are refusing to accept responsibility for our decisions. Only one person prevents us from using our own creative force - our self... no pointing the finger! As many people still lack the backbone to stand up for themselves, osteopaths are probably doing a booming business alleviating back troubles. There is time to reverse this trend, until **August 17**. Don't be afraid to follow the guidance of your higher self. The quiet voice within knows better than anyone else.

Finance and administration requires all attention, both on a personal level, as well as globally. It is time to restructure systems of government, big (and little) business... rearrange domestic financial structures... streamline! Don't waste money on things you want but don't need, otherwise you're buying into Western civilisations acquisitive sickness. You cannot take without giving. The interesting thing about the three heavy planets Saturn, Uranus and Neptune transiting the Capricorn sign is that as finances become so tight people are naturally inclined to conservation consciousness. Why buy new things when we have more than we need anyway? Why not recycle? Why cut down more forests and further upset the osmotic cycle, the psychosynthetic circle, when we have all the timber and furniture we need anyway? Capricorn is a cardinal earth sign, so don't expect mother earth to sit back complacently and enjoy the rape. She'll strike back, in the most unexpected ways and times... floods, tidal waves, volcano eruptions, earthquakes, drought et al.

Until **September 13 & 23**, there will be many delays and setbacks as retrograde planets cause frustrations... banks, media, shipping, oil, gov't, business... all suffer. However after mid-August we begin working together to take charge of the mess... to start patching the wounds at least.

Since **February 19, 1990**, with Pluto retrograde, many plutocrats have hit the boards as much financial skullduggery surfaced. Financial institutions are folding or amalgamating, others are cleaning their slates. On a personal level, relationship and sexual problems occur due to a lack of communicative honesty manifesting as a difficulty in handling financial stress. Note the emotional manipulation! **See more relaxed control after July 26** as Pluto strides onward.

Domestics have required attention since July 31, 1989 when Jupiter moved into the sign Cancer. Thus the focus of protective energy becomes more outgoing and creatively enthusiastic from **August 18** when she moves out of Cancer and into the more creatively optimistic sign Leo... good for acting and entertainers. But keep your wits about you from **August 25** as Mercury goes retrograde. Beware of vagueness and confusion as we misplace things, misunderstand what has been said, forget appointments, lack concentration until September 17. **Love and Peace - Victor Voets** **N**





# FUTURE MEMORY.....

## FUTURE MEMORY

It was raining outside, and the setting sun sent vibrant shafts of colour through the crops... barley, rye and other seed grasses intermixed with legumes and the occasional tree, on this level.

A group of elders had just finished showing some youngsters how to take what was needed without disturbing the delicate ecosystem that supported this floor of cultivation. Now, as they sat down beneath a tree to eat, one of the children asked when the great skyscrapers were built.

After a space one of the elders spoke, "It was not always as you see it now with our people... It looks like we have always been happy... but at the time these buildings were erected there was a madness on our culture that we now call "the Great Unhappiness."

The children's eyes were wide as the elder, as elders have always done, cast the spell of the story.

"In this time different things, like food and tools, were made in different countries... and because each country or tribe saw the others as different and somehow not quite right, they fought with each other..."

At that moment another elder stood up, and in a tone that told the children that she knew it was true but still couldn't believe it, she said,

"They even dumped surplus food in the ocean while other people starved."

"I don't believe you!" one of the children said, "I'm only small but even I know that people wouldn't... couldn't, live like that."

"Yeh... you're just trying to bluff us..." said another.

"You've done that before!"

They all laughed... the children and their teacher/elders.

"I know it's hard to believe, but it's true... There was a time when the whole race... well most of the race..."

"Yes, even then there were threads of consciousness."

"Most of the race believed that nothing else thought at all... and that all else was there just for them to own."

"They actually believed that everything else was either dead... or not quite as alive as they themselves were."

"But how could they believe that, when we all feel the life flow of the planet through us?"

"Ah, but... they didn't... Their energy and magnetic senses were shut off."

There was silence for a while, then an idea slowly formed for one of the children, until he said, "How could you inhibit all your auric and spiritual senses?"

Then a very bright seven year old added, "You would have to bleach all the receptors on the skin... and they're all over the body."

One of the grandmothers huffed, then said, "Their culture was caught in a conditioned fear of uncleanness, so that they kept alkalising their skins with soap."

"But still, you'd have to actually rub it in 2 or 3 times a week for years."

"They did it every day, sometimes two or three times a day... from the day of birth."

The boy sniggered and declared, "No-one could be that paranoid... and anyway, you only need hot and cold water to wash."

"If they used soap as much as that, their own homeostasis would have to make acid oils in their skin to balance it out," added another child. A girl crinkled her nose and said, "Wouldn't that smell awful?"

"Yes."

"Did they stop using the soap?"

"No... they put other animals' scents into the soap."

"But that's crazy... how would they know how each other felt if they couldn't smell the scents that their emotional reactions caused them to give off?"

"That's just it... they didn't."

"Well how did they get along with each other?"

"The young were told that they had to decide what was right and make everything else wrong so that everyone would know where they stood with each other."

"They were to become one thing," said another elder, "decide then and there what kind of an adult to be... and to make the decision using only logic - no daydreaming."

"Who told them that?"

"Parents and their teachers."

"Why didn't the government stop them?"

"The governments of the day were headed by the most competitive and aggressive politicians, and as aggression is based on insecurities, often the most insecure people ended up in the most responsible jobs. They thought it best if the population was kept at a certain level of ignorance so that they would be more easily led."

One of the boys retorted, "But that would mean that they'd get the lowest amount of productivity and quality from the people's work."

One of the older girls said, "You mean they actually tried to restrict the changes in the hormonal salts and allowed the people to carry their childhood patterns into adult life, where they would be inappropriate."

"They not only allowed this, they encouraged it. Because this suppression was based on logic as formed by the intellect - which is itself the act of comparisons - defining and cross-referencing what's already believed, there were less, and at times even no new developments for evolution to play with. So most of the people were unaware that they were even capable of living any other way."

The children were amazed but still unconvinced.

"Anyway, those hormonal salts, that are the physical holders of that programming, are continually being excreted through the soles of our feet as we walk, and the energy exchange with the Earth resets the programming."

"So it couldn't happen that anyone would be stuck in a single self-image," concluded one of the boys.

The elders looked at each other, there were raised eyebrows and shrugged shoulders as the children were told, "They bound their feet in shoes, all the time."

"We use shoes when we need to. No-one could wear them all the time."

"Even to get out of bed and go to the toilet at night, they'd wear indoor shoes called 'slippers'."

"Not the children though!"

"Yes, or they'd get their bottom smacked."

"What were they so afraid of?"

"The micro-organisms."

"You mean the nature spirits that help us adjust to seasons and cycles?"

"Yes, but then they were called 'germs' and 'viruses' and thought to be the demonic causes of disease."

"Why?"

"Because they are scavengers, nature's cleaners. They appear when there is stress or imbalance."

The children looked bewildered, so the elder added, "Because they were always there when there was sickness, people thought they were the cause of that sickness."

"But you teach us that... um... they respond to what we see as our needs. They don't hurt us!"



"That's because we no longer tell them they're diseases."

The children shook their heads in disbelief... it was so totally foreign to them, this talk of the times called "the Great Unhappiness".

It was hard for them to imagine famine in their clean, abundant world. Hard for them to imagine the immaculate silent machines, whose emissions were pure water, ever being a source of pollution. It was hard for them to visualise their multi-storied glasshouse food centres ever being grimy office buildings groaning with the angry buzz of ambitious, insecure wage slaves.

"You are now free to follow the lore of freedom that teaches self awareness and self respect through nature's cycles..."

"...But then there was only the law of ownership and nature was not trusted to support our survival."

"Surely they saw that nature... evolution I mean... wouldn't just dump four and a half billion years of development?"

One grandmother stroked the bewildered enquirer's hair and gently said, "They did not know nature, or even the Earth Mother, was a living, thinking being that they were part of and could take counsel from."

"They must have been terrified."

"Yes... for a while they were."

"What changed us... what ended the age of Great Unhappiness?"

"The artists of the world ran out of greater dooms to agonise over."

"With the possibility of very real planetary obliteration the intellect had finally reached its limit of possible problems."

"So they began daydreaming of Paradise...  
The Paradise we now live in."

..... © John Burke, 1990. □

# THE TWILITE ZONE

## SECRET TESTING OF UFO'S IN NEVADA Alarming Report By Top Scientist

Alien starships are being tested at a maximum security government base in Nevada, says Dr Bob Lazar, a top scientist. Between May and August 1989, Dr Lazar made several broadcasts stating that he was a physicist with higher degrees from MIT who had been recruited to work on an above top-secret project in Area 51, a government base at Groom Lake, 125 miles north of Las Vegas, where he underwent a highly intimidating security check, before being given a series of no less than 121 briefings to enable him to understand what he was to work on.

Dr Lazar stated that after obtaining his clearance he was assigned to backengineer an anti-matter generator operated by an element numbered 115 in the periodic table. He was flabbergasted, since such an element does not exist on Earth, where we have progressed no further than element 106. These heavy elements are extremely expensive to produce, even a few micrograms of them requiring a tremendous expenditure of time and energy. They also have very short half-lives, of mere nanoseconds. However, physicists speculate that up around element 113 the elements begin to stabilise again. Dr Lazar was told that 500 lbs of element 115 existed at the S4 division of Area 51 base!

Since the conversion of matter to anti-matter is 100% efficient, as compared with about 4/5ths of 1% in a fission or fusion reaction, a kilo of 115 has the explosive power of 47 x 10-megaton hydrogen bombs, ie 470 million tons of TNT. Thus only 10 grams of this element would be enough to destroy a large city! *This military potential alone could account for the security of the project.* Element 115, inserted into the antimatter generator, a demi-sphere the size of a basketball, produced anti-matter when bombarded by protons. This generated millions of volts of electricity as well as a gravity-wave which could distort space, stop time, and bend light. A candle placed in this wave, Dr Lazar alleged, would burn indefinitely. His astonishment turned to stupefaction when he was told that the gravity-wave thus generated was used to propel a flying disc across the universe.

He was shown nine of the discs, of different shapes and sizes, lined up in a camouflaged hangar and witnessed the testing of one of them, which rose silently from the ground on its field propulsion

system. He eventually became so perturbed over what he had witnessed that he broke security and contacted a group of prominent citizens in Las Vegas, informing them that a test was scheduled for a particular night, inviting them to film it from outside the base. This they did, but unfortunately the viewing party was detected by a security patrol. Anonymous death threats were made against both him and his wife, and shots were fired into his car on a freeway. Realising he was in danger of losing his life, Dr Lazar went public,

inviting a Japanese TV station to send a team over to film another testing of the disc. Whilst being

adamant that he is telling the truth, Dr Lazar has passed several lie-detector tests, been tested psychologically and finally pronounced normal and subjected to hypnosis.

Extensive investigation has so far failed to shake his astonishing story.

He insists that neither element 115 nor the anti-matter generator could possibly have been

produced on this planet. And the seating in the discs, he says, was not large enough for the average human adult.

Dr Lazar's story is corroborated by films of the testing, to which there are numerous witnesses. Spectrographic analysis reveals that there was something very unusual indeed in the air over Area 51.

In the meantime we can only speculate as to where the disc ultimately originated and what the US government gave, and to whom - in exchange for this unearthly technology.

from ABC Radio National - 28/5/90

**N**

### ALIEN AID FOR USSR

The Soviet Union will overcome its economic crisis within 5 years, possibly helped by beings who circle the Earth in flying saucers, according to the 400 year old Russian Order of Wizards.

- via Reuters -









In the next few issues we will be presenting a lot of recent information on UFO's from overseas newspapers and TV networks. We believe that this information is either being withheld, or ignored by the media in Australia, either way - you the public are not being told some pretty mind-blowing news.

A lot of this news comes from scientists and "intelligence agents" who claim to have worked, aided and abetted UFO cover-ups across USA. These are not small allegations. These 6 or 7 different "defections" are adamant about regular high level contact between governments and aliens that is withheld from nearly everybody. Either way it makes you think - *just what is going on?* A possible explanation for some of this is found in the book ON EARTH ASSIGNMENT.

**A LOOK INSIDE THE WORLD BANK**

Prepared by Carol Sherman  
Rainforest Information Centre

This is an excellent booklet for individuals and non-government organisations who wish to further understand the World Bank. It includes a brief history, its structure and voting powers, its relations with the IMF, who is involved with the bank, contact listings and much more.

"The World Bank's lending practices have been cited as a major cause of massive social and environmental degradation in Third World Countries. Currently lending up to US\$20 billion per annum, the Bank has facilitated enormous destruction by financing ill-conceived, unsustainable projects that have wreaked havoc on the environment and local populations. Yet, contrary to World Bank rhetoric, the situation has not changed."

A good piece of research on a subject not covered enough.

Available at Wilderness Shops, Total Environment Centre - Sydney, FOE... or send \$5.00 to Rainforest Information Centre, PO Box 161, Byron Bay. NSW 2481. Phone (066) 877-248

**SOFT EXERCISE**

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By Arthur Balaskas & John Stirk  
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A simple and clearly illustrated book on stretching and very soft exercise. Soft exercise simply involves placing yourself in various positions that allow the outside force of gravity to do all the work for you, so that you can stretch all the parts of your body passively. Extremely useful for people of all ages, and at all levels of fitness, from the athlete to the recovering heart patient or aging arthritic. \$19.95 at all Bookshops.

Books Reviewed by Duncan Roads

**ON EARTH ASSIGNMENT by Tuella**

Published by Guardian Action International (\$23.75)

This is the most recent of five books, dealing with the "coming Earth changes". The book is composed primarily of "channelled" messages from Ashtar Command, and is a must for UFO researchers, conspiracy theorists and prophecy watchers. If you have ever felt that you were "here" for a reason, or "here to serve the Planet" then this book will be even more interesting.

Subjects covered include - "Galactic Councils", the evolution of the Earth, and transitions into 4th dimensional states of matter. Contains fascinating predictions on a coming global economy, and a future world government. Some of these predictions I notice have and are even now coming true. A most thought provoking book, that makes one realise that these are truly amazing years to be alive in.

"On Earth Assignment" was first published in 1988 by Guardian Action International, Salt Lake City, Utah. USA.

For the complete set of these books, contact Aquarius Rising Bookshop Ph (02) 891 4454. See advert below.